The CHEMIST AND DRUGGIST

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AUGUST 5, 1933

Annual Subscription (with Diary) 20/-. *Single Copies* 9d.

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25 Christopher Street, E.C.2

T. & H. SMITH
LIMITED

Index to Advertisers, pp. 5 & 6.

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P.D.&Co Chemists
for their own use ~

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PARKE. DAVIS & COMPANY LONDON W.1.
MADE IN ENGLAND
PARKE DAVIS & CO. SHAVING CREAM

now sold by
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PARKE-DAVIS SHAVING CREAM

PARKE-DAVIS
SHAVING CREAM
The Chemists Shaving Cream

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¶ Orders solicited from Chemists only.

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BRISTOL:
40-41 Redcliff Street

NEWCASTLE-ON-TYNE:
Old Infirmary Buildings

Let's make Money!

You know as well as I do that Printing in itself is only a means to an end. Like your own salesman it should justify its right to a continuation by the business it wins and helps to maintain. I will even go so far as to say that there is too much Printing being bought today. I honestly believe, that whilst in some directions much *more* might be done, I am equally convinced that in many cases far *too much* printing is being used. This leads to an enormous amount of feeble and wasteful printing which doesn't help to improve the health of the customer's balance-sheet by any means. If you feel, therefore, that *your* "printed representatives" are not working for you as successfully as they might, I do hope you won't blame Printing as a whole. A far more satisfactory and profitable thing to do in such a case would be to see us about it instead.

Service Dept.

Thomas Waide & Sons, Ltd., of Kirkstall Road, Leeds, are the people who produce the kind of Printing which makes the reader friendly disposed towards you and particularly interested in what you have to sell

ADEXOLIN

HIGH CONCENTRATES OF VITAMINS A and D

ADEXOLIN CAPSULES

A convenient form for the administration of exact doses of vitamins A and D to older children and to adults. Each three-minim capsule has the vitamins A and D potency of 10 grams of high-grade cod-liver oil. Invaluable for the prophylaxis and treatment of respiratory infections, and to build up resistance to infection.

Boxes of 25 capsules **2/9**
Boxes of 100 capsules **8/6**

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Containing vitamins A and D in the proportions they normally occupy in high-grade cod-liver oil, *but at twenty times the potency*. This concentration gives the greatest flexibility of dosage, from the smallest prophylactic to the largest therapeutic dose. Invaluable for administering vitamins A and D to infants or to patients with a low fat tolerance. Add 1 m. to every bottle feed.

Phials with ½-m. dropper, **2/6**
Also in 2-oz., 4-oz. and 8-oz. bottles.

ADEXOLIN EMULSION

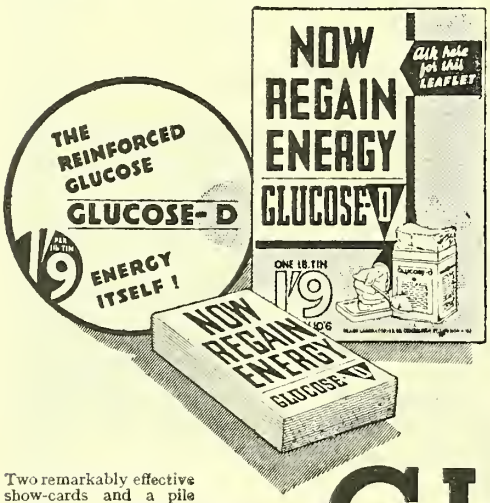
A pleasant emulsion of vitamins A and D of guaranteed content. Each fluid oz. contains the vitamins A and D equivalent to its own volume of high-grade cod-liver oil and 7½ grains of calcium lactate. It will appeal to the most debilitated and fastidious child or adult. Invaluable as a safeguard against infection and as a tonic for run-down or undernourished patients.

8-oz. bottles **2/6**
4-oz. bottles **1/6**

GL PRODUCTS

GLAXO LABORATORIES · 56 OSNABURGH STREET · LONDON · N·W·1

The debilitated patient and the athlete



Even these extremes meet in their need for: (a) immediately accessible energy, i.e. glucose; (b) elements to nourish and control their nerve cells and reflexes, i.e. calcium and phosphorus; (c) vitamin D to ensure the assimilation of these elements.

Glucose-D is richly supplied with all these components.

Whenever Glucose is prescribed—whether as a therapeutic agent or as a product for everyday use, as a remedy for acidosis or a source of nourishment in fevers, as additional energy during periods of physical and mental strain or a "nutrient tonic" for debilitated adults and children, Glucose-D, the reinforced calcium vitamin glucose, is the preparation of choice.

In 1 lb. tins—**1/9**, 7 lb. tins—**10/6**.

Two remarkably effective show-cards and a pile of 8-page illustrated booklets are available on application.

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The calcium-vitamin-reinforced glucose

GLAXO LABORATORIES, 56, OSNABURGH ST., LONDON, N.W.1.

INDEX TO ADVERTISERS

Allan Manfg. Co., Ltd. (Cut-Out Letters) 22
Anzora Perfumery Co., Ltd. (Anzora Cream, &c.) 10
Armstrong Cork Co., Ltd. (Corks) 16
Aspro, Ltd. (Aspro) vii
Association of Manfg. Chemists, Ltd. Col. Supp.
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists) 15

Baird, J., & Sons (Mfg. Opticians) ... 18
Baiss Bros. & Co., Ltd. (Druggists' Sundries) viii
Bandoeng Quinine Factories (Quinine and Salts) ii
Battle, J. C. M. (Vermin Killer) 19
Beechams Pills, Ltd. (Pills and Powders) ix
Bell, John, Hills & Lucas, Ltd. (Sunburn Lotion) .....Leader Page
Benckiser, J. A. (Tartaric Acid, &c.)... vi
Berdoe & Fish, Ltd. (Valuers, &c.) Col. Supp.
Berton, Arthur, Ltd. (Sanitary Towels) xvii
Billowzone (1929), Ltd. (Bath Salts) ... 16
Blackwell, Hayes & Co., Ltd. (Fruit Essences, &c.) x
Brady & Martin, Ltd. (Galenicals, &c.) viii
British Drug Houses, Ltd. The (Eastern Foam) 24
Brooks & Warburton, Ltd. (Innerclean) x
Buckley-Bowker Tablet Co., Ltd. (Tablets) x
Burall Bros. (D. & P. Service) 22

Burge, Warren & Ridgley, Ltd. (Surgical Rubber Goods) xvi
Burrough, James, Ltd. (Tinctures) Leader Page
Burroughs Wellcome & Co. (Digoxin) 23
Bush, W. J., & Co., Ltd. (Perfumery Compounds) 7

Caldicot Tin Stamping Works, Ltd. (Decorated Tins) 17
Camwal, Ltd. (Table Waters) 18
Cartwright, W. B., Ltd. (Moorland Tablets) 9
Cephos, Ltd. (Headache Remedy) x
Cheltine Foods Co. (Diabetic Foods)... xii
Christy, T., & Co. (Page-Barker Lotion, &c.) .....10 & 22
Clark, S. F. (Valuer, &c.) .....Col. Supp.
Cook, Geo. (Shopfittings) 22
Cox, A. H., & Co., Ltd. (Toilet Preparations) .....Cover

Distillers Co., Ltd. (Yeast Tablets) ... xiii
Dixor, Ltd. (Toilet Preparations) 12
Dominion Steel Corporation, Ltd. (Razor Blades) 8
Dudley & Co., Ltd. (Display Counters) 22
Duncan Flockhart & Co. (Antiseptic Dusting Powder) iv

Fairy Dyes, Ltd. (Dyes) xv
Fassett & Johnson, Ltd. (Ti-Trol Toilet Soap) 8
Ferris & Co., Ltd. (Nepenthe) viii
Fink, F., & Co. (Gums) 22
Ford, Shapland & Co., Ltd. ("Sol-vo" Toilet Paper) xv

Fox, Francis F., & Co., Ltd. (Olive Oil) x
Freudentheil, Smith & Co. (C.L.O.) ... xiv

Gardiner & Co. (The Scotch House), Ltd. (Overalls) xiv
Gardner, W., & Sons (Glos.), Ltd. (Machinery) 17
Garfield Tea Co. xii
George, Ernest J. (Valuer, &c.) Col. Supp.
Glaxo Laboratories (Glucose-D., &c.)... 4
Gledhill, G. H., & Sons (Cash Tills)..... 13
Glycerine, Ltd. iii
Grout & Co., Ltd. (Norvic Crêpe Bandage) 22

Hackett, S. E. (Film Overstocks) Col. Supp.
Hampden Residential Club .....Col. Supp.
Hampshire, F. W., & Co., Ltd. (Snowfire Cream) 12
Harkness, Beaumont & Co., Ltd. (Malt Extract, &c.) xii
Harley, T., Ltd. (Rodine) 19
Harris, Hart & Co., Ltd. (Glauber Salts, &c.) iii
Hay, Wm., Ltd. (Sun-Tan Oil, &c.) 13
Hobson, J., & Son, Ltd. (Black Beer)... 22
Hopkin & Williams, Ltd. (Chemicals)... iii
Hough, Hoseason & Co., Ltd. (Nalgo Antiseptic) 5
Hubbuck, T., & Son, Ltd. (Oxide of Zinc) ii

[*Continued overleaf.*

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You will be asked for this unique Antiseptic because :—

Dentists and Medical men throughout the country have acclaimed NALGO as the Antiseptic for which they have been waiting.

NALGO the efficient and pleasant gargle.
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NALGO for Cuts, Wounds, Abrasions, Scalds.

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Manufacturing Chemists, MANCHESTER

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Backed by merit & National advertising!

INDEX—cont.

Ibberson, G., & Co. (Razor Blades) 13
International Chemical Assn. (Renipas) xi
Iva Fur Puffs, Ltd. (Powder Puffs) 11

Johnson & Sons Manufacturing Chemists, Ltd. (D. & P. Chemicals) i
Jones & Co. (Methylators), Ltd. (Methylated Spirit) viii
Josephs, Philip, & Sons, Ltd. (Shopfittings) .....Col. Supp.

Kaydor, Ltd. (Morfi Rubber Products) xvi
Kof-Oh Co., Ltd. (Sunburn Ointment) xi

Lawrence, G. H., Ltd. (Razor Blades) 8
Leigh, R. & H., & Sons (Carboy Hampers) 17
Lennon, Ltd. (South African Agencies) iv
Levermore, A., & Co., Ltd. (Precipitated Chalk) 22
Lewis & Melchior, Ltd. (Okasa) xi
Lofthouse & Saltmer, Ltd. (Losall's Salt) xiii
Low, Son & Hayden (Toilet Preps.) 22

Matthews, D., & Son (Shopfittings) Col. Supp.
Matthews Laboratories, Ltd. (Sterilla Surgical Soap).....Leader Page
Maund, F., & Berg, E. (Showcases), Ltd. .....Col. Supp.
Methylating Co., Ltd. (Methylated Spirit) iii
Millar, A., & Co., Ltd. (Orange Wine) xiv
Monsanto Chemical Works, Ltd. (Glycerophosphates, &c.) .....Cover
Munns Bros., Ltd. (D. & P. Service) ... 22

Newbery, F., & Sons, Ltd. (Holiday Accessories) 10

Orridge & Co. (Valuers, &c.).....Col. Supp.

Papier Poudré, Ltd. (Papier Poudré)... 13

Parke, Davis & Co. (Shaving Cream) Cover
Perox, Ltd. (Tooth Paste) 20
Perry & Hope, Ltd. (Phosphate of Soda) 22
Poth, Hille & Co., Ltd. (Beeswax) xii
Potter & Clarke, Ltd. (Wholesale Druggists) 21
Prideaux's, Ltd. (English Dried Milk) xiv
Purfinol, Ltd. (Liquid Paraffin, &c.) ... xi

Rivista Italiana delle Essenze e Profumi vi
Roberts' Patent Filling Machine Co. ... 17
Roger & Gallet (London), Ltd. (Eau de Cologne) i
Rose, J. L., Ltd. (Pyrogallic Acid, &c.) ii
Rosmarine Mfg. Co. (Petal Dust) 12
Roura & Forgas (Quicksilver) vi
Rudduck & Co. (Shopfittings) 6 & Col. Supp.

Sangers, Ltd. (Service) 2
Schering, Ltd. (Camphor B.P. Tablets) Leader Page
Scruton, O., & Co. (Nurse Harvey's Mixture) 20
Scurr, C. A. (Optical Tuition) 18
Seajoy Co. (Seasickness Remedy) xii
Shadeine Co. (Hair Dyes) 22
Shaw's Veterinary Products, Ltd. (Dog Medicines) 20

Sherley, A. F., & Co., Ltd. (Veterinary Preparations) 19
Sier, Voss & Tomes (Transparit) Leader Page
Smith, T. & H., Ltd. (Alkaloids)).....Cover
Southall Bros. & Barclay, Ltd. (Sanitary Towels) xvi
Speer, W. R., & Son (Toothbrushes) ... 19
Sterns, Ltd. (Oils, Petroleum) viii
Stewart, Goodall & Dunlop, Ltd. (Nuctone) 16
Surgical Hosiery Co., Ltd. xvi
Suter, A. F., & Co., Ltd. (Gums) iv

Taylor, Edward, Ltd. (Flexoplast Bandages, &c.) xvii
Townsend, James, & Sons (Spirit Rebate Books) xii

United Glass Bottle Manufacturers, Ltd. (Opal Jars) xviii

Viggormalt, Ltd. (Home Brewing Malt and Hops) xiii

Waide, Thos., & Sons, Ltd. (Printers) 3
Ward, T., & Sons, Ltd. (Competition Results) 13
Webster, T., & Co., Ltd. (Stoppers)..... 16
Westminster College of Pharmacy..... 18
Whiffen & Sons, Ltd. (Bromides, &c.) v
Whitaker & Co. (Kendal), Ltd. (Home Dyes, &c.) 17
White, R. F., & Co., Ltd. (Motorists Soap) 16
Wilcox, Jozeau & Co. (Optrex Eye Lotion) .....Leader Page
Wilkinson, James F. (Printing) xiv

Zeal, G. H., Ltd. (Clinical Thermometers) xvii

THE BEST VALUE TODAY IN GLASS COUNTERS AND SHOWCASES

The 'MARLBOROUGH' Glass Counter, well constructed in oak or mahogany, 6 ft. long by 3ft. high by 2ft. deep. Glazed ¼″ drawn plate-glass, polished oak parquet floor, fitted glass shelf 12″ wide. Sliding doors at back.

£10

The 'KINGSTON' upright showcase, 6ft. high by 2ft. wide by 2ft. deep, oak or mahogany frames, oak parquet floor, glazed throughout with ¼″ drawn plate-glass and fitted 3 drawn glass shelves supported on movable brackets.

£10 : 10

Inspect these cases at our showrooms, where we have an extensive display of all types of shop fittings for the chemist.

RUDDUCK & CO.

219 and 227 OLD STREET, LONDON, E.C.1

TELEPHONE: CLERKENWELL 2371

BUSH

for

PERFUMERY COMPOUNDS

for use in high-class Toilet Waters, Perfumes, Cosmetics and Bath Salts.

Lavender.

1016 A typical Mitcham type; moderately priced.

560 Specially prepared for Bath Salts.

Eau de Cologne.

1012 A fresh Continental type.

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Also the following bases:—

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Lily Flower 1039	Origan 1121
Narcissus 624	Rose 1050

Samples and prices with pleasure

W. J. BUSH & CO. LTD.

ASH GROVE, HACKNEY, LONDON, E.8

Tel. Ad.: "TANGERINE, LONDON." *Tel. No.: CLISSOLD 0461 (5 lines).*

Factories at MITCHAM, SURREY — WIDNES, LANCASHIRE

BRANCHES AT - GRASSE, MESSINA, MELBOURNE, SYDNEY, NEW YORK, CHICAGO, MONTREAL, TORONTO, JOHANNESBURG

. . . creating record Sales

TI-TROL

Call it 'TEA TROL'

the Genuinely Germicidal

TOILET SOAP

"TI-TROL" soap has won instant public recognition and approval. Its remarkable properties—endorsed by the Medical Profession—are daily creating thousands of new customers. Get your share of this profitable business by holding sufficient stock and using the striking display material.

- The essential oil of the Australian Tea Tree—11 times more potent than pure carbolic—is contained in "TI-TROL" soap *for the first time.*
- "TI-TROL" soap is non-toxic, non-irritant, and non-poisonous. It will kill typhoid bacilli in 20 seconds, yet promotes new tissue.
- "TI-TROL" soap penetrates the pores of the skin to diseased tissue, dissolving pus and restoring a normal state. It goes to the root of the trouble.
- "TI-TROL" soap is amber-coloured and transparent containing the distillation of years of sunshine. It is as soothing to the skin as purest olive oil.

"TI-TROL" soap contains the essential oil of the Australian Tea Tree —found in only ONE of over 300 varieties.

STRIKING ADVERTISEMENTS

now appearing in the leading National Dailies, Women's Periodicals and Magazines ensure growing and consistent demand.

GET STOCKS & DISPLAY MATERIAL NOW!

Address your enquiries for Trade Terms, Display Material, &c., to the Sole Distributors:—

FASSETT & JOHNSON, LTD., 86 Clerkenwell Rd., London, E.C.1

Safety Razor Blades to Private Brands

We are specialists in the production of Safety Razor Blades to Private Brands.

Home or Export.

Prices competitive.

Special wrappers, cartons and labels designed to customers' ideas.

In fact your Private Brand complete and ready for sale.

Large output available from most modern Plant.

Consult:

Dominion Steel Corp. Ltd.

"Fleet" Works, Queen's Road, Sheffield, England

3,000,000 PEOPLE

Daily Mail · Daily Express · News Chronicle · Daily Herald

are reading about the wonderful value of the **New Improved** **"LAUREL"** DUMB-BELL Regd.

Razors & Blades

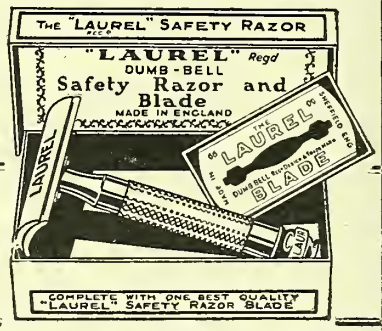
Are you ready to supply?

Retails **1½d.** each.

PACKET OF **4** *for* **6d.**

Order your Stock to-day.

COMPLETE OUTFIT FOR **6d.**



Geo. H. Lawrence Ltd. Laurel Wks., Nursery St., **Sheffield**

"Don't hide your light under a bushel"

¶ In these days it is insufficient just to stock good goods. The goods must be advertised to create the demand for them. But there is one more important point . . . . ***they must be displayed.***

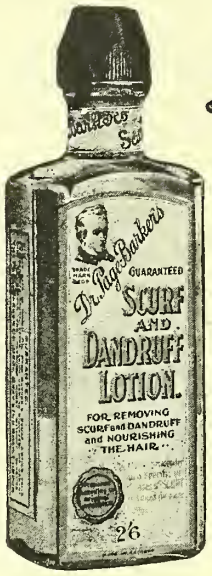
¶ This is particularly true of Moorlands. The public for over 20 years has asked for Moorlands and ***prefers*** Moorlands. They are advertised nationally and effectively, but the establishment that gets the business is the one that has Moorlands displayed.

¶ Do not keep a quick selling line like Moorlands in the background. Keep a window and counter display well to the fore and watch your Moorlands sales increase all the time.

DISPLAY MOORLANDS REGULARLY

W.B.CARTWRIGHT. LTD. MOORLAND BRAND RAWDON. LEEDS.

The Public will have Moorlands



Note the Improved Screw Cap!

Dr Page-Barker's SCURF & DANDRUFF LOTION 2/6

The Guaranteed Specific for SCURF

Dr. PAGE-BARKER'S LOTION is known throughout the Trade as the one reliable specific for Scurf and Dandruff—which can be absolutely depended on and which can therefore be sold with every confidence. No matter how bad the case may be, **Page-Barker's** *will not fail.* **A cast-iron guarantee** with every bottle—that it will eradicate Scurf or the purchase price will be refunded without question. Shows you 80 per cent. profit on outlay.

PER **18/-** DOZEN

With every order for 3 dozen you get three 2/6 bottles as bonus and attractive showcards

SHOWCARDS WITH EVERY ORDER. WRITE FOR EXPORT TERMS

THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, LONDON, E.C.4

SUMMER HOLIDAYS!

Wherever your customers are going they will still want the usual

HOLIDAY ACCESSORIES

INCLUDING

SUN-TAN OIL

COMPLETE YOUR STOCK FROM

"NEWBERYS"

Francis Newbery & Sons Ltd.

CHARTERHOUSE SQUARE

Tredegar House, CARDIFF College Lane, LIVERPOOL

The CREAM *of the* TRADE

Here's the Cream that gets you "the cream" of the business — Anzora. Everyone knows of it. Everyone wants it. And every sale brings you 33⅓% profit. The new Anzora Brilliantine, for those who like their hair to have a "glossy" appearance, is going to expand your Anzora sales still further.

Give these three a good "show" in your shop and windows—and see how well they sell!

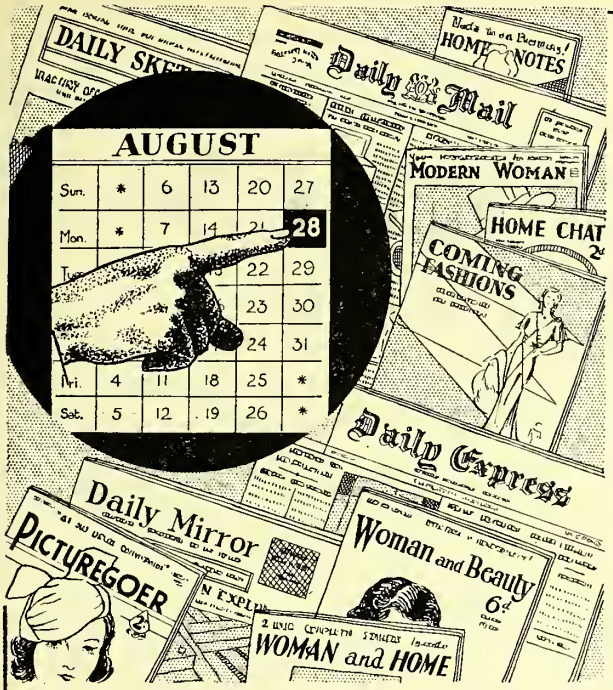
TRADE TERMS:

Cream and Viola
8/- doz. Retail at 12/-
12/- " " " 18/-
20/- " " " 30/-
Brilliantine 8/- doz. Retail at 12/-

ANZORA

MASTERS THE HAIR

ANZORA PERFUMERY CO., LTD., LONDON, N.W.6



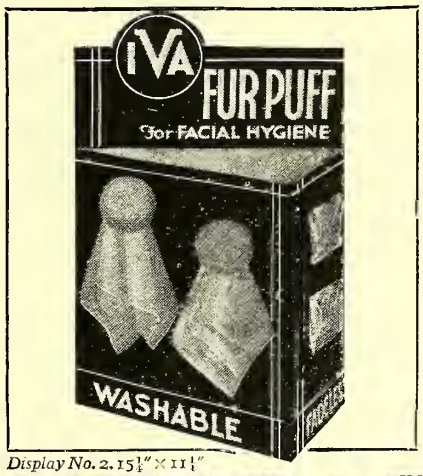
ON AUG. 28TH the IVA NATIONAL ADVERTISING CAMPAIGN begins

Profit by these free displays!

Have you had the Iva Fur Puff Trade folder? Have you acted on it, and sent for the Iva Window displays to tie up with the Iva National Advertising beginning on August 28? Millions of women—your customers—will see IVA advertisements and will look for IVA window displays. Have you got one?

Show Iva displays and you **must** benefit. If you haven't already sent for them, do so now, in order that you may fully participate in this big sales drive. Send the form below; **there are no conditions or obligations.** The material is free and post free.

N.B.—Iva is the **only** Washable, Fadeless Fur Puff. 100% Hygienic. British Manufacture.



Display No. 2. 15¼" × 11¼"

POST THIS FORM NOW!

Display No. 1. Centre 25" 18" Side pieces 15" 6½"

To IVA FUR PUFFS LTD.
Iva House, 79 Golden Lane, London, E.C.

Please send me..... of Display No.....
(state quantity) (state which required)

Name .....

Address.....

.....

C.D.

the original combined Cream and Powder

VELOUTY de DIXOR

The advertised line that you are asked for.

Samples free upon receipt of trade card or billhead.

		Doz.	Min. P.A.T.A Retail Price
PRICES :—No. 1.	Handbag tube	3/-	-/4½
No. 2.	Small tube	4/-	-/6
No. 3.	Medium tube	7/-	1/-
No. 4.	Large tube	14/-	2/-
No. 5.	Super tube	22/-	3/-
	Pots (glass)	21/-	2/9
Pots de luxe (unbreakable)		36/-	4/6

Made in five shades: WHITE, IVORY, NATURAL, OCHRE and SOLEIL DORÉ (Sungold)

Obtainable from your regular Wholesaler or direct from the Manufacturers:

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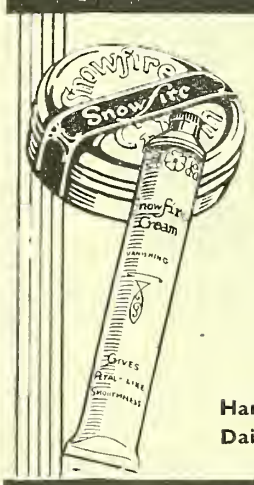
Sole Distributors for
Northern Ireland: ROBERT MAYRS & CO., 45 Chichester Street, BELFAST
Irish Free State: MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

Representative for
Scotland: ROBERT TELFORD, 48 Brownside Road, Cambuslang, Glasgow.

★ The 'STAR' of popular priced face creams



Snowfire Cream—always in demand from regular customers, always making new friends—a most profitable line to handle. Stock it—show it—recommend it—quick sales and a large, rapid turnover will reward you.

Handbag Containers - 3d.
Dainty Tubes - 6d. Retail

SNOWFIRE *Vanishing* CREAM

Manufactured by
F. W. HAMPSHIRE & CO. LTD., Sunnydale Works, Derby.

The Public are Calling *for*

PETAL DUST

"Wherein the subtle savour of the Flowers sublimely dwells."

THE GREAT FLORAL AIR PURIFIER

A Trial will convince you that——

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

Retails in packets at 4d. and 8d. each.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or from Sole Producers:—

The Rosmarine Manufacturing Co.
LONDON, S.E.1.

IF YOU ARE NOT SHOWING

PAPIER POUDRÉ this Summer

you are definitely **MISSING SALES**

This world-renowned toilet aid is indispensable for motoring, train journeys, walking, etc., etc.

Send a postcard for our new Showcards and let the books sell themselves.

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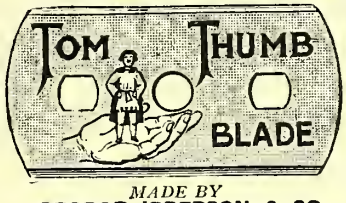

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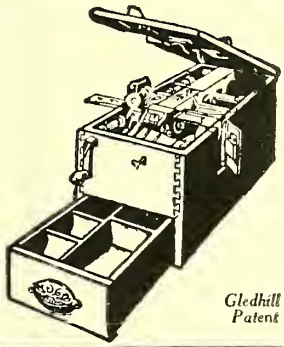

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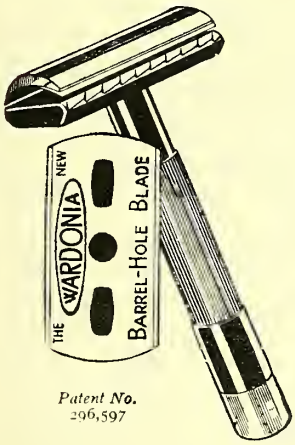

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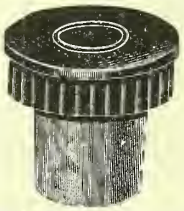

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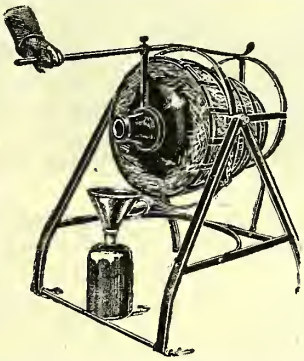

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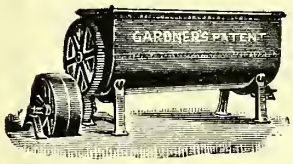
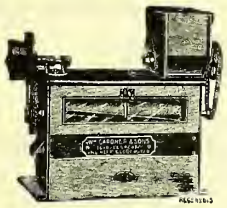
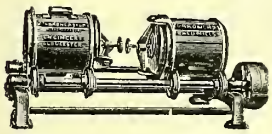


Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



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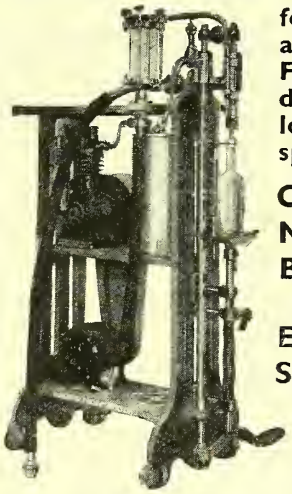

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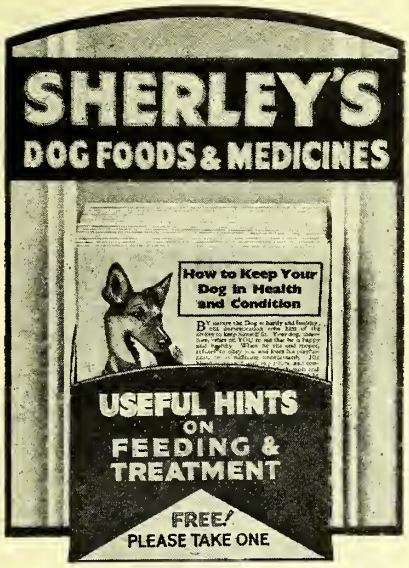

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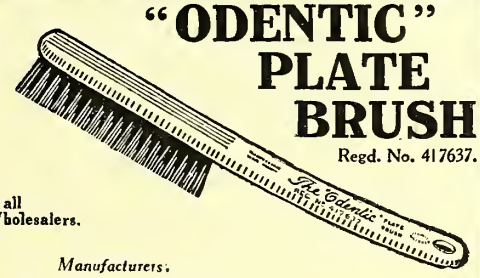

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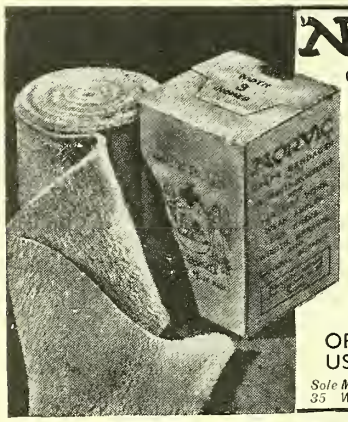

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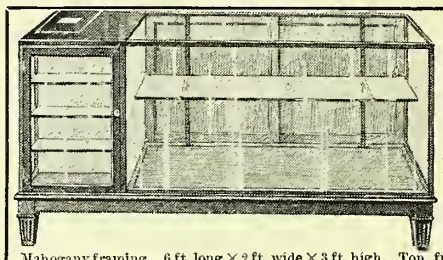

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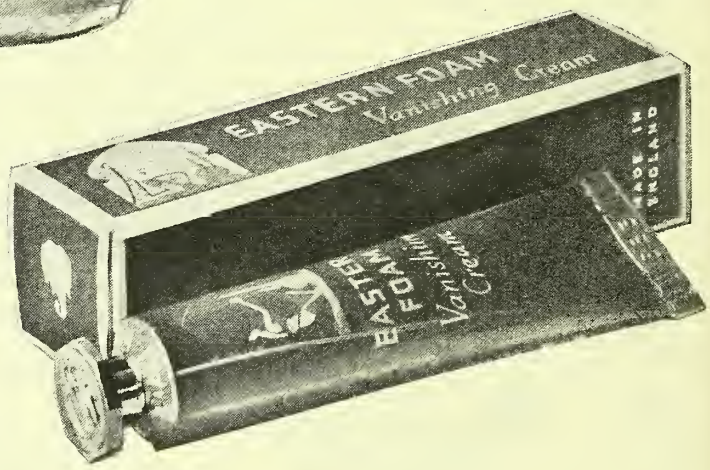

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CONTENTS

VOL. 119. NO. 2791 AUGUST 5, 1933

	PAGE
BRITISH PHARMACEUTICAL CONFERENCE:—	
Science Section	190
Closing Session	192
Delegates' Meeting	196
Social Echoes	200
Business Changes	189
C. & D. Retail Price List	189
Deaths	187
Correspondence:—	
Letters	208
Miscellaneous Inquiries	208
Subscribers' Symposium	208
Editorial Article:—	
Mercury	189
Information Department	188
Irish Notes	181
Legal Reports	182
Marriages	187
National Pharmaceutical Union	203
New Companies and Company News	183
News of the Week	179
Personalities	187
Pharmaceutical Society of Great Britain:—	
Council Meeting	184
Proprietary Articles Trade Association	203
Retrospect	208
Scottish Notes	181
Stock Exchange Prices	183
Topical Reflections	181
Trade Marks	185
Trade Notes	186
Trade Report	204
Wills	202

News of the Week

Safeguarding of Key Industries—Applications

The Board of Trade have received complaints under section 1 (5) of the Safeguarding of Industries Act, 1921, that insulin and its salts, carotene and sulphur, precipitated, B.P., have been improperly excluded from the List H (iii) of articles chargeable with duty under Part I of that Act, as amended by section 10 of the Finance Act, 1926. The complaints will be referred for arbitration to a tribunal constituted under section 10 (4) of the Finance Act, 1926, and the date of the hearing will be announced in due course. Communications should be addressed within one month from the date of this notice to the principal assistant secretary, Industries and Manufactures Department, Board of Trade, Great George Street, London, S.W.1.

Import Duties Act—Weighing Machines, Scales and Balances

It has been held that weighing machines, scales and balances having bearings of agate were liable to the duty payable on amber, ivory, coral, jade, onyx and other similar stones at the rate of 30 per cent. *ad valorem*. Under the Additional Import Duties (No. 16) Order weighing machines, scales and balances having bearings made of agate are exempted from this rate of duty and will continue to be liable to duty at the rate of 20 per cent. payable on weighing machines, scales and balances, as such.

Import Duties Act—Glue, Gelatine and Size

The Additional Import Duties (No. 17) Order, dated July 28, 1933, provides for the undermentioned increases in rates of duty payable on the products specified.

Glue, gelatine and size in any form, derived from animal or fish, and osseine. Such rate of duty as will, with the general *ad valorem* duty chargeable under Section I of the Import Duties Act, 1932, amount to 10s. 6d. a cwt., or to twenty-five per cent. of the value of the goods, whichever is the greater.

The increased rates of duty came into operation on Thursday, August 3, 1933.

Dangerous Drugs Acts, 1920-32

The Home Secretary gives notice that he has cancelled the notice of withdrawal (dated October 24, 1924) from Gilbert Dyet of the authorisations granted by the Raw Opium and Dangerous Drugs Regulations to persons who lawfully keep open shop for the retailing of poisons in accordance with the provisions of the Pharmacy Acts to be in possession of and to supply raw opium and to carry on the business of manufacturing, selling or distributing the drugs to which Part III of the Dangerous Drugs Act, 1920, as amended by the Dangerous Drugs Act, 1932, applies.

City of London Health Report

The latest annual report of the medical officer of health for the City of London, covering the year 1932, evidences the vigilance of Dr. Willoughby and his staff in preventing the entry of contaminated foods of all kinds. On the pharmaceutical side there is little of interest. Of the forty-two samples of spices submitted for analysis, five were reported against, three being with regard to ground cinnamon and two rubbed thyme. One prosecution was taken with reference to ground cinnamon, when the warranty defence was successfully pleaded and the summons dismissed. Owing to the vendor having had the article in stock for more than six months from the time the warranty was given until the sample was taken, it

was not possible to institute proceedings against the wholesalers for having given a false warranty. Legal action was also taken with regard to a sample of rubbed thyme, which was certified to contain extraneous mineral matter to the extent of 11.5 per cent. Of the 113 samples of drugs taken, six were reported against as not complying with the requirements of the British Pharmacopœia, or not in conformity with the formulas on the containers. In two instances the formula, which contained an error, was immediately rectified on the attention of the manufacturers being called to the matter. It is stated, under the heading "Rat Repression," that one cwt. of poison was used in the sewers during the year, and subsequently 105 dead rats were found. A large number of dead rats was probably carried away by the flow of water.

Society of Apothecaries of London

At the Dispensing Assistants' examination, held on July 24, 25, 26 and 27, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Archer, K.	Haselden, A. M.	Rosson, R. M.
Bailey, E. B.	Hewerdine, B. F.	Sandon, K. J.
Bibby, A. J.	Hill, G.	Shillaker, E. M.
Brooke Hunt, D. J.	Holt, M. K.	Siddle, M. E.
Brown, M. W.	Horton, B. W. H.	Smith, N. E.
Cardell, B.	Jordan, W. M.	Stamps, M. M.
Cliffe, M.	Kenney, K.	Stenning, B. M. G.
Cole, K. M.	Kenyon, M.	Stephens, E. M.
Coleman, E.	Lack, J. M.	Stoward, M.
Collins, H. S.	Lake, J. C.	Tilley, M. A.
Cooper, M.	Lodge, P. G.	Vince, G. A.
Cox, E. M.	Love, M. J.	Warren, K.
Dixey, E. A.	McGuirk, K. J.	Weeks, G. J.
Draffin, S. M.	Moore, R. K.	Whale, J. C.
Frost, E.	Osborne, V. A. M.	Wheat, D. W.
Green, J. M.	Parker, M.	Wheatley, M. C. D.
Griffin, M.	Parkes, H. M.	Whiteaway, D. L.
Griffiths, D. A. G.	Payton, K. A.	Wight, R. J.
Guest, M.	Pearson, O. M.	Williams, M. G.
Hale, M.	Pilcher, E. G.	Williams, M.
Hall, B.	Prescott, M. V.	Willis, C. E.
Hammon, P. T.	Reynolds, M. E.	

Inquests

An inquiry was held at Battersea, London, S.W., on July 21, regarding the death of Mr. George F. Power, chemist and druggist, who was found hanging from a banister at a shop in Upper Richmond Road. Sir Bernard Spilsbury said that all the circumstances pointed to an experiment of some sort; and the coroner recorded a verdict of "Accidental death from asphyxia."

The Southport coroner held an inquiry, on July 29, concerning the death of Rose Dyson, who died at 30 St. James's Street from salt of lemon poisoning. The husband, a butcher, said about three years ago she became mentally deranged. The doctor told her sister and her brother that if they took her out of hospital they must sign a document to the effect that she was not cured and must take full responsibility. They signed the form and took his wife to Southport. Mr. W. E. Robinson, an assistant with Boots, Ltd., deposed that he served Mrs. Dyson with 1 oz. of salt of lemon. He asked what she wanted it for. The Coroner: What is the legal obligation about selling salt of lemon?—So long as we label it "Poisonous" and "Not to be taken" and have our name and address on we comply with the law. The Coroner: I suppose if I came in your shop and said I wanted ½ lb. of salt of lemon you would serve me?—No, not unless you gave sufficient reason and told us what you wanted it for. The Coroner: I am not blaming you; I am not finding fault with you. I only want the people to know what is the state of the law and to say the sale of this stuff is not protected as it ought to be. Mr. Alexander Buchanan, a chemist in the employ of Mr. Kennedy, Eastbank Street, said that the deceased asked for 2 oz. of salt of lemon. He asked what she wanted it for, and served her. Replying to the coroner, witness said the sale of salt of lemon came under the Pharmacy Acts. The Coroner: No necessity to obtain the name and address of the buyer?—No. The Coroner: Outside this statutory obligation cast upon you, you warn them that it is dangerous?—Yes, because it is necessary to caution them. The coroner said the sister and brother were told that they must take full responsibility. They let her walk about as though she were a sane person. She got out and went into two shops with that cunning and cleverness always found in people who were mentally deranged. The assistants had carried out the law. She committed suicide while of unsound mind.

Staff Outings

FOUR HUNDRED employees of Scott & Turner, Ltd., Newcastle, held their annual outing to Redcar recently. They were joined at lunch by Colonel E. Robinson and Mr. Leslie France (directors), and the latter reported the continued progress of "Andrews" all over the world.

THE annual excursion of the staff of J. Robinson & Sons (Bradford), Ltd., chemists, Barkerend Road, Bradford, took place on July 26, when the party travelled by road to York and then by motor-boat up the river Ouse to the pretty riverside village of Nun Monkton. Some of the party went swimming, whilst others had sports on the village Green. Messrs James Robinson, William Robinson and H. Welton (directors) were present, and after tea at the "Alice Hawthorne" Inn the prizes (given by the directors) were awarded. The homeward journey allowed time for a stop at Knaresborough.

Miscellaneous

THE next Business Efficiency Exhibition will be held at the White City, London, W.12, on September 26-October 6 inclusive, and will be opened by Lord Melchett.

WINDOW-DRESSING AWARD.—The first prize in the class for "Things to use" at a window-dressing competition held in connection with a carnival at Silloth, Carlisle, on July 22, was awarded Mr. W. Bell, chemist and druggist.

BRITISH STANDARDS TESTED.—The decennial testing of the imperial standards of length (1 yd.) and of weight (1 lb.) is in progress at the National Physical Laboratory, Teddington. The history of these standards was given in our Special Issue of June 29, 1929.

COMPENSATION FOR DAMAGE BY RIOT.—The Finance Committee of the Durham County Council has recommended payment of £9 17s. 10d. to Joseph Garbutt, Ltd., chemists, Market Place, Durham, in settlement of a claim for damages to showcases and contents suffered during the riots which took place on April 10.

HYDROCARBON OILS REGULATIONS.—The Hydrocarbon Oils (No. 1) Regulations, 1933, dated June 30 (S.R. & O., 1933, No. 695: Stationery Office, 2d.), have just been issued. They prescribe methods of testing hydrocarbons or bituminous or asphaltic substances for the purpose of determining whether they are solid or semi-solid at 60° F.

POISON-LICENCE APPLICATIONS.—Mr. H. C. Hobbs (Farleighs Winkleigh Stores, Ltd.) has applied to the Devon County Council for a licence under Section 2 of the Poisons and Pharmacy Act, 1908.—Kent County Council has granted licences for the sale of agricultural and horticultural poisons to Mr. Ponting, Eden Bridge, and Hart & Tatnell, Ashford.

CATHOLIC PHARMACEUTICAL GUILD.—By the courtesy of Burgoyne, Burbidges & Co., Ltd., a visit to their works at East Ham took place on July 20, and a very interesting afternoon, ending with an enjoyable tea, was spent by the members availing themselves of the invitation.—At a meeting of the Guild on July 23 an interesting and educational paper was read by Mr. E. J. Raynor, M.P.S., entitled "Consider the Lilies of the Field and how they Grow." It was announced that it was hoped to arrange a dance or supper-dance in the autumn.

In the courts.—At Newcastle-on-Tyne, on July 19, Robert W. Dodds (23), Kenton, was sentenced to six months' imprisonment for having obtained lodging, etc., by false pretences. It was stated that the accused posed as a medical locum tenens.—At West Ham Quarter Sessions, on July 21, Albert R. Bugg (32), labourer, Joseph Denham (32), general dealer, and William H. Coles (27), a painter, were indicted for breaking into a chemist's shop at 34 Angel Lane, Stratford, and stealing goods the property of Mr. William R. Worsley, chemist and druggist. Denham was sentenced to nine months' imprisonment, Bugg to six months, and Coles was bound over.—At Greenwich Police Court, recently, two men named Chandler and Peacock were each sentenced to four months' imprisonmen for breaking into the shop of Grimwade & Hayward, chemists, Shooters Hill Road, Blackheath, and stealing money; two youths named Formolli and Goulding were placed on probation in connection with the same offence.

Scottish Notes

Brevities

Burglars raided the pharmacy of Mr. James Gibson, chemist and druggist, 92 Clepington Road, Dundee, and stole a sum of money.

A correspondent writes:—"Photographic trade for July has been very disappointing. The broken weather has not helped matters, but there is an evident falling off in this trade even on fine sunny days."

The examination for the Kinninmont scholarship will be held in September. Entries are invited from assistants and apprentices in the Glasgow and S.-W. Scottish area who have passed the Preliminary Scientific examination. The examination will be held on a Tuesday afternoon from 2 p.m. to 5 p.m., and the subjects are chemistry, physics and botany. The committee will be grateful if employers will bring this competition to the notice of any members of their staffs who may be eligible.

Irish Notes

Brevities

Mr. J. B. Farren, L.P.S.I., has opened a pharmacy at Ballybofey, co. Donegal.

Alderman Sean French has been unanimously re-elected Lord Mayor of Cork for the fourth time.

Miss Kathleen Fogarty, M.P.S.I., has opened a pharmacy at Charlemont Bridge, Dublin. Miss Fogarty, who is well known as superintendent at the Licence examinations of the Pharmaceutical Society of Ireland, served her apprenticeship in Dublin.

The "*C. & D.*" Poisons Card, No. 3, which gives the Schedules and Regulations under the various Acts of Parliament restricting the sale of poisons, etc., in the Irish Free State, has been reprinted, and copies are available at 1s. each, post free.

The subject of Irish pharmacy is dealt with in a recent supplement to "The Irish Times," which states that the profession is on a much higher plane than across the water. Irish pharmacy is above all things adaptable; it accommodates itself to the changing aspects of prescribing and has even succeeded in accommodating itself to tariffs.

Topical Reflections

By Xrayser

"A Great Success"

would appear to be the verdict to be passed on the Conference meeting presided over by Dr. Hampshire, whose address as chairman has provided us with an altogether admirable account of the present tendency in therapeutics with accompanying changes in pharmaceutical practice. He confirms the view that if we are to maintain our position as the trusted guardians of the purity of medicines and the skilled providers of the requirements of the doctor, our training must henceforth be less that of a botanist and more that of a biologist. In other words, it has become necessary for us to revert or resort to an acquaintance with the physiology of animals as well as that of plants, in order that we may properly fulfil the functions which are primarily those of the pharmacist. Not perhaps for exactly the same reason, since our knowledge of botany is required to familiarise us with the sources of vegetable drugs, whereas training in biological methods is essential to adequate knowledge of pharmacological action, such as ought to be well within our purview. That this is so becomes manifest when we proceed with our perusal of Dr. Hampshire's address (*C. & D.*, July 29, p. 121), with its successive references to the ergot and digitalis problems, vitamins, and animal substances of the kinds that are now coming increasingly into use in medical treatment. It is interesting to note that Dr. Hampshire does not seem to anticipate any serious decay in galenical pharmacy, in the immediate future at any rate.

On the Social Side

the London Conference could hardly fail to be attended with pronounced éclat on this occasion. The Guildhall reception and the banquet appear to have been planned on a scale that should make British pharmacists feel proud of the way in which those whose good fortune it was to be present were entertained. Then the presentation of the much-talked-about presidential chair (p. 168) was attended by an air of dignity and importance, such as should count for something in our favour. Your social echoes and other notes on the events of the past week go far to help the absentees to gain some idea of the Conference atmosphere, and we shall doubtless have more about the lighter side, including the excursion to Hampton Court, to enliven us later. I am making no special comment on the papers read at the science sessions, but cannot refrain from referring to their general excellence and the practical utility of many of them. Those responsible for B.P.C. organisation are to be congratulated upon a brilliant and successful gathering, also upon having in the *C. & D.* a newspaper so well organised that its reports of the proceedings reflect, and that so promptly and admirably, what happened last week.

Price Cutting

of proprietary goods is the subject of a letter published by you last week (p. 177), which may not, I fear, receive the prominence it deserves, not only because of its anonymity, but also because it does not appear under or over the name of some person of distinction. Can we claim to be consistent supporters of any scheme for preventing price cutting if we are quick to purchase for our own use goods which are offered at obviously cut-rate prices? Should the chemist buy for use in his own household, possibly from itinerant dealers, proprietary lines which are usually understood to be sold by grocers, ironmongers and other retail dealers? Are we to insist upon nothing that comes properly within the strict limit of what are considered chemists' goods being ever sold except at the full retail price, while keeping on the look-out for opportunities of buying "wholesale" anything we require in other directions? This, I take it, is the case presented for consideration by your correspondent last week.

Legal Reports

Extension of a Patent.—In the Chancery Division of the High Court, London, on July 29, Mr. Justice Luxmoore was asked to grant an extension of the patent in respect of Lysolats. Mr. L. Jacobs, for the applicants (Mr. C. A. Cofman-Nicoresti, Twickenham, and Solidol Chemical, Ltd., Disney Street, S.E.1), explained that the letters patent expired on September 3, 1933, and an extension was now asked for on the ground of public utility. Dr. W. J. Burns, giving evidence, said that a solidified form of lysol was of great value in surgery. Mr. Jacobs urged that the patentee had not yet received a return from his invention commensurate with the benefits to the public. His lordship granted an extension of five years.

Chemist Awarded Damages.—In the Civil Court of Manchester Assizes, on July 27, Mr. Justice McNaghten gave his considered judgment in a case in which Mr. Adam Bryden, chemist and druggist, Barrow-in-Furness, sought damages for alleged negligence or breach of contract against Mrs. Blanche Birrell, trading as James Birrell, Son & Co., plumbers, of the same town. The action was in respect of a fire on plaintiff's premises in which damage was done, it was alleged, to the extent of more than £500, and an insurance company which had insured the risk sued through the plaintiff. His lordship held that negligence had been proved beyond reasonable doubt, and that plaintiff must succeed and have damages and costs, the damages to be assessed in some manner to be agreed upon between the parties, and failing agreement in such manner as the Court might direct.

Workmen's Compensation Act.—In Whitechapel County Court, London, on July 28, John Fisher, Northlands, Pitsea, applied for an award against Potter & Clarke, Ltd., manufacturing chemists, Artillery Lane, E.1. Mr. Gibbs, for the applicant, said that the man had contracted dermatitis on his lip and nose as the result of his employment, which consisted of grinding roots, herbs and barks. His pre-disablement wages were approximately £3 a week. The respondents had now offered him another job at 53s. a week and submitted to an award to pay a weekly sum of 17s. 6d. from February 24 to July 24 and 3s. 6d. a week thereafter during the total or partial incapacity of the applicant. The offer had been accepted, but there was a dispute about the amount to which the applicant was entitled from the date of disability to the date of the hearing. Fisher gave evidence on his own behalf. Cross-examined by Mr. J. McMillan, for the respondents, he agreed that the dermatitis merely prevented him from doing his ordinary work, but did not prevent him doing any other kind of work. He had not looked for other work because the doctor had not signed him off. After further argument, the judge said that the respondents' offer of 17s. 6d. a week was quite reasonable, and an order was made accordingly. Mr. McMillan applied for the costs of the hearing, but it was ruled that the submission had been made too late.

Dispute over Terms.—In Manchester County Court, recently, Mr. William Anver, manufacturing chemist, trading as Anvers Food Co., Ward Street, Manchester, claimed £2 18s. for the price of goods sold and delivered to Pensby Pharmacy, Ltd., chemists, of Pensby Road, Heswall. It was stated on behalf of Mr. Anver that at the end of January one of his travellers, who had since left his employ, called on the company and induced them to take a consignment of a patent food for babies on sale or return. The goods were delivered, but nothing was heard from the company and no reply was received to letters asking either for the return or for payment. Mr. Atkinson, who represented the defendants, said their case was that the goods were accepted on the representation that the traveller would interview the local doctors and the question was what constituted a reasonable time for the return. Mr. Anver said the food contained no preservative, and the usual period for the return of such an article was three months. Mr. William Parkinson, managing director of Pensby Pharmacy, Ltd., said he told the traveller there was not much chance of the food being sold unless the doctors were interested. No period was mentioned as to the time for return, and he would have regarded from six to eight months as reasonable. The judge said that the defendants had not replied to letters, although they must have been aware that Mr. Anver considered a reasonable time had elapsed for sale or return. He had come to the conclusion that they could not escape liability. There would be judgment for Mr. Anver for the amount claimed, with costs.

Food and Drugs (Adulteration) Act.—At Old Street Police Court, London, on July 26, Englesen's (Chemists), Ltd., Green Street, E.C.2, were summoned for having sold Parrish's food alleged to be deficient in tricalcium phosphate to the extent of 35 per cent. Mr. W. G. Jenkins, prosecuting for the Bethnal Green Borough Council, said the only standard they could go on was that laid down by the British Pharmacopœia. In reply to the magistrate, Mr. H. Glyn-Jones, who defended, stated that the legislature laid down a standard for certain articles. But with regard to drugs mentioned in the British Pharmacopœia the assumption was that the public were asking for a drug in accordance with that mentioned. He challenged the validity of the analyst's certificate. The magistrate read from the certificate, which said: ferrous phosphate, 0.85 gm.; tricalcium phosphate, 0.83 gm.; other solid matters, 69.00; water, to 100 vols. Mr. Glyn-Jones: If you look at the words "100 volumes," what does it mean? The Magistrate: I am afraid I don't know what it means at all. Mr. Jenkins said he was just as bad. The only person who could help them was the analyst. Mr. Glyn-Jones said that supposing a person said he found a hop in beer, his statement would not be of the slightest value unless he said whether it was in a half-pint, pint or some other given quantity. He contended that, the certificate not being in proper form, it was not admissible as evidence, and that if the certificate was bad the analyst could not be called to convert it into a good certificate. The magistrate said he had come to the conclusion that the certificate was bad and might not be remedied by oral evidence. The summons would be dismissed with payment of £5 5s. by the Borough Council.

Drug Addict Sentenced.—At Marylebone Police Court, London, on July 28, Dr. Frederick R. L. Miller, Pembridge Villas, W.2, appeared on remand on a charge of forging and uttering a prescription form for tablets of morphine sulphate (*C. & D.*, July 22, p. 84). Additional charges of unlawful possession were now preferred. The morphine was alleged to have been obtained at four chemists' shops, in Wigmore Street, High Street, Marylebone, New Cavendish Street, and Chester Place respectively. Mr. E. D. Wainwright, solicitor, defended and pleaded "Guilty." Mr. Vincent Evans, for the Director of Public Prosecutions, said that the accused first came under the notice of the authorities in April 1930. In September 1932 he appeared at the West London Police Court and pleaded "Guilty" to three summonses for failing to enter drugs which he had obtained. He was fined £5, with £3 3s. costs. Following that conviction, his authority to be in possession of "dangerous" drugs was taken away by the Home Secretary. In March of this year he was before the Court at Marylebone on similar charges, and was fined £20, with £10 10s. costs. In June of this year information was received that Dr. Miller was believed to be again obtaining "dangerous" drugs by forged prescriptions, and as a result chemists were warned to look out for him. On July 13 he entered the branch of Boots, Ltd., in Wigmore Street, W., where he was detained and arrested. In reply to the magistrate, Mr. Evans said there was no suggestion that the accused had been trafficking in the drugs. The magistrate sentenced him to twelve months' imprisonment in the second division.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office

DOGSOL, LTD. (Public Company).—Capital £5,000. Objects: To carry on the business of manufacturers and marketers of parasiticides, insecticides, fungicides, germicides, soaps, shampoos, preparations for the nutrition of dogs and other animals, etc.

MOVA PRODUCTS, LTD. (P.C.).—Capital £3,000. Objects: To acquire the benefit of an agreement whereby Richard Starck was granted the sole agency for the U.K. and the British Colonies and Dominions for the sale of the products of Mova-Gesellschaft m.b.H., of Wiesbaden, Germany, and to carry on the business of chemists, druggists, drysalters, etc. R.O.: 26A Theberton Street, N.1.

KEPHALDOL LABORATORIES, LTD. (P.C.).—Capital £42,500. Objects: To acquire the registered trade mark registered in the United Kingdom of Great Britain and Northern Ireland and the Irish Free State as "Kephaldol," and to carry on the business of importers, exporters and distributors of, agents for and dealers in chemicals and chemical preparations, etc. Solicitors: McKenna & Co., 31/4 Basinghall Street, E.C.

THE BRUMMELL AROMATIC AND MANUFACTURING COMPANY, LIMITED (P.C.).—Capital £2,000. The company was incorporated in the Isle of Man, for the purpose of acquiring the business of manufacturers of and dealers in chemical sundries carried on by Wm. E. Baldwin and Ernest Weetman under the name of the Brummell Aromatic and Manufacturing Company, at 183 Clyde Road, Tottenham, London, N.15, and to carry on the business of manufacturers of and dealers in soap detergents, perfumery, toilet preparations, essential oils, disinfectants, household requisites, general aromatics, etc. The British address is at 183 Clyde Road, Tottenham, London, N.15.

W. & H. M. GOULDING, LTD., Dublin.—Report states profit for the year ended June 30, 1933, amounted to £34,625, compared with £34,895 for the previous financial year; £6,000 is transferred to depreciation account and after providing for interest on debenture and preference shares it is proposed to pay a dividend of 6 per cent. for the year on the ordinary shares. The balance carried forward is £3,646.

HODDERS, LTD.—In the Chancery Division, on Monday last, Mr. Justice Bennett sanctioned a scheme of arrangement between Hodders, Ltd., manufacturing chemists, Bristol, and its shareholders for a reduction of its capital from £400,000 to £280,945 1s. by cancelling capital lost or unrepresented by available assets. Mr. M. Beebee, for the company, said the effect of the reduction would be to wipe out the ordinary capital, but it was part of the scheme of arrangement to leave 218,805 ordinary shilling shares outstanding. A number of ordinary shares were being given to the preference shareholders in compensation for allowing part of their capital to be reduced, arrears of dividend to be wiped out, and the dividend to be reduced from 8 to 6 per cent.

CORY BROS. (SURGICAL INSTRUMENT MAKERS), LTD., 54 Mortimer Street, W.1.—Mr. Justice Bennett, in the Chancery Division, recently, confirmed certain alterations in the objects of Cory Brothers (Surgical Instrument Makers), Ltd. Mr. Hillerby, for the company, said the main alteration was needed to enable them to carry on business as chemists, druggists, analytical chemists, dispensers, drysalters, oil and colourmen, and dealers in pharmaceutical, medical, chemical, industrial and other preparations. His Lordship: I think you are taking powers that are too wide. You must take out "oil and colourmen." He also indicated certain other minor alterations which, he said, should be made. Upon this being done he gave his sanction to the change as stated.

Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 31, 1932		June 30, 1933		July 31, 1933	
	s.	d.	s.	d.	s.	d.
Allen & Hanburys, 7% Prefd. Ord.	23	9	24	6	24	0
Amalg. Dental Co., 8% Prefd. Ord.	23	0	22	6	22	0
,, ,, Deferred £1 ...	—		—		13	6
Ayrton, Saunders & Co., 7½% Pref.	12	6	14	4½	13	9
Beechams Pills, Deferred 1s. shares	2	6	2	9	2	10½
Benger's Food, Ord.	40	0	41	3	41	3
Benzol & By Products cum. part. Pref.	0	7½	1	0	2	3
Berger (Lewis) & Sons, Ord. ...	22	6	28	9	28	0
Boake (A.), Roberts & Co., 5% Pref.	16	3	18	9	17	0
Blundell Spence & Co.	5	9	14	9	13	3
Boots Pure Drug, Ord.	153	9	147	6	147	6
Boots Pure Drug, 7% "A" Prefd. Ord.	28	0	28	0	28	3
Boots Cash Chemists(S.),6% "A" Pref.	26	9	27	0	27	0
Borax Consold., Dfd. Ord.	12	9	12	6	16	0
Bovril, 6% Pref.	25	6	24	9	26	0
,, Ord.	27	0	26	6	26	6
,, Defd.	24	0	23	9	26	0
British Cyanides, Ord., 2s. shares ...	2	3	2	9	2	10½
British Drug Houses, The, Ord. ...	13	3	18	6	23	0
British Glues & Chemicals, 4s. Ord....	2	9	3	3	3	9
British Oil and Cake Mills, Prefd. Ord.	37	6	38	9	40	0
British Oxygen, Ord....	26	3	33	0	34	0
British Photo. Indus., 6% Cum. Pref.	5	0	5	0	5	0
Burt Boulton & Haywood, Ord. ...	20	3	18	0	18	0
Bush (W. J.), & Co., 5% Pref. £5 ...	77	6	95	0	95	0
Callard, Stewart & Watt, Ord. ...	5	0	6	3	6	3
Chance & Hunt, 4% 1st Mort. Deb. £100	£78		£78		£78	
Cooper, McDougall & Robertson, Ord.	17	6	28	0	27	6
Crosfield (Joseph) & Sons, 6½% Pref.	25	3	26	0	26	6
Drug Incorporated (no par value) ...	$53		$71		$54	
Dubarry Perfumery, Ord. 1s. ...	1	9	2	0	2	0
,, ,, 7½% Pref. ...	19	6	20	0	20	0
Eastman Kodak Com. (no nom. value)	$81		$96		$84	
Evans Sons Lescher & Webb, Ord. 6s. 8d. shares	2	0	2	0	1	9
,, ,, ,, 6% cum. part. Pref.	2	9	3	9	3	9
Field (J. C. & J.), Ord.	21	3	20	6	21	6
Galloway (P. H.), Ord. 2s.	2	9	3	0	3	0
,, ,, 7½% Cum. Pref....	23	0	23	9	23	9
Gossage (William), 6½% Pref. ...	25	6	26	0	26	9
Grout & Co., Ord.	17	0	18	1½	19	9
Hodders, Ord. 1s.	0	2	—		—	
Ilford, Ltd., Ord.	26	3	33	9	35	0
,, 6% Pref.	23	0	24	3	25	0
Imperial Chemical, 7% Pref. ...	27	6	28	0	28	9
,, ,, Ord.	26	3	27	0	29	9
,, ,, Defd. 10s. ...	6	10½	7	0	8	9
Intern. Sponge Importers, 6% Pref.	8	9	9	6	7	6
Kent (G. B.) & Sons, 5½% Pref. ...	6	10½	6	3	6	3
Knight (John), 25% Prefd. Ord. ...	82	6	90	0	91	3
Laporte (B.) & Co., Ltd., Ord. ...	21	6	32	6	50	0
Lever Bros., Ltd., 7% Pref.... ...	28	0	28	0	28	1½
,, ,, 8% Pref.... ...	27	0	28	6	28	6
,, ,, 20% Prfd. Ord. £1	55	0	59	3	62	6
Lewis & Burrows, Ord.	22	6	25	0	23	9
,, ,, 6% Pref.... ...	19	0	18	9	18	9
Liebig's Ext. of Meat, Ord. £5 ...	£8¾		£12⅝		£10⅝	
Mellin's Food, 6% Pref.	1	3	1	3	1	0
Nathan (Joseph) & Co., 7% Pref. ...	13	3	13	6	13	0
,, ,, ,, 8% Prefd. Ord.	3	9	3	9	3	6
Pears (A. & F.), 5% Deb. £100 ...	£105		£102½		£103½	
Phosferine (Ashton & Parsons), 8% cum. partic. Ord.	14	6	19	0	18	6
Reekitt & Sons, Ord....	94	3	99	9	99	3
Salt Union, Ord.	35	0	36	3	36	3
Sangers, Ord. 5s.	10	6	13	3	14	6
"Sanitas" The, Co., 9% Pref. ...	27	6	28	9	30	0
Sanitas Trust, 10% partie. Pref. ...	23	6	27	6	29	3
Smith (Stephen) & Co., Ord. 5s. ...	9	10½	11	0	11	3
Spratt's Patent, Ord.	62	6	61	9	64	6
Stevenson & Howell, 6½% Cum. Pref.	20	0	24	6	24	3
Taylors Cash Chemists (Lon.),1s. Defd.	0	6	0	6	0	7½
Taylors (Cash Chemists) Trust, Pref. Ord.	10	0	11	3	13	9
,, ,, ,, 1s. Defd.	0	6	0	6	0	9
United Glass Bottle Man., 6% Mt. Deb. Stk., £100	£107		£106		£105	
Veno Drug Co., 8% Pref.	20	0	22	6	22	3
Virol, Ltd., Ord.	30	0	32	6	32	6
,, 7% Pref....	25	6	26	3	26	3
White (A. J.), Ltd., Ord. 10s. ...	14	3	16	6	15	9
White (Timothy), 7½% Prefd. Ord.	24	0	25	0	25	6
,, ,, 1s. Defd. Ord. ...	2	0	2	4½	2	7½
Wright, Layman & Umney (1932) 7% cum. Pref.	24	6	23	9	24	3
Yorkshire Indigo & Col. Dyers, 5s. Ord.	0	10½	0	9	0	9

Pharmaceutical Society of Great Britain

Council Meeting

THE monthly meeting of the Council was held at 16 Bloomsbury Square, London, W.C.1, on August 1 and 2, Mr. John Keall (president) in the chair. There was a full attendance of members.

TUESDAY'S PROCEEDINGS

Among the matters dealt with by the Council at their meeting on August 1 was a letter received from the trustees of the will of the late Viscount Leverhulme, stating that the necessary sanction has been obtained from the Board of Education to the scheme instituting a scholarship for the orphans of chemists tenable at the Royal Commercial Travellers' Schools.

DEATHS

THE PRESIDENT said his first duty, and one which caused him genuine distress, was to refer to the death of Professor H. G. Greenish. Members of the Council would remember that references were made at their last meeting to the services Dr. Greenish had rendered, not only to British pharmacy, but also internationally. His passing, however, had come as a great shock.

THE PRESIDENT moved a resolution expressing the Council's profound regret at the passing of Professor Greenish, and recommending that a letter of sympathy be sent to his widow.

THE VICE-PRESIDENT having seconded, the resolution was approved by the Council standing in silence.

THE PRESIDENT also made sympathetic reference to the deaths of Mr. A. Robertson, for thirty-five years divisional secretary of Elgin and Nairn Association, and Mr. James Abbott, of Glasgow, a former divisional secretary of the Maryhill division, and tributes were paid to their work.

ELECTIONS AND RESTORATIONS

Two hundred and thirteen persons were elected as members of the Society, and nine persons as student-associates. A number of persons were restored to the Society. The registrar reported that seventy persons had been registered as apprentices or students.

SCHOLARSHIPS EXAMINATION

The assistant secretary reported that the following numbers of candidates had entered for the respective scholarship competitions:—Jacob Bell, 40; Manchester, 21; Leverhulme, 54; Devon and Cornwall, 3; Nottingham studentship, 2. After the customary adjustments, the following candidates were found to have the highest marks in the respective competitions:—

Jacob Bell Scholarship.—Reginald Ernest Bates Hudson, Gillingham.

Manchester Scholarship.—Harry Winslow, Nelson.

Leverhulme Scholarships.—Henry Charles Dumler, Manchester; Edward O'Farrell Walsh, Nottingham; Herbert Leslie Frederick Walton, Lincoln.

Devon and Cornwall Scholarship.—Stanley Robert Westcott, Sidmouth.

Nottingham University College Studentship in Pharmacy.—Arnold Rogers, Sheffield.

MR. ROWSELL said he noticed that the successes were very satisfactory.

THE PRESIDENT agreed, and said he thought there was a distinct improvement in the direction indicated. The report was received.

HERBARIUM COMPETITION

The report of the examination for the Herbarium competition showed that two entries had been submitted. The following resolution was proposed and seconded:—That the Herbarium bronze medal be awarded to Albert Thomas Reed, Yeovil, and a certificate of honour to Frank Milner Slater, Halifax, and that the thanks of the Council be conveyed to Mr. T. E. Wallis for undertaking the duties of examiner.

MR. ROWSELL said he believed Reed was awarded a bronze medal last year.

RECIPROCITY REGISTRATION

It was resolved that Mr. William Wallace McDonald, Heathfield Hotel, London, W.C.1, and Mr. Arthur Lothian Pollock, 24 Victoria Road, Scarborough, having complied with the regulations made in accordance with the by-laws of the Society, be registered as chemists and druggists.

EDUCATION COMMITTEE

The report of the Education Committee showed that the Newport Technical Institute had been approved for all subjects in Class 3 of approved institutions. The Committee recommended that the Welsh School of Medicine be approved for a part-time course in connection with the diploma in biochemical analysis. The report was adopted.

BENEVOLENT FUND COMMITTEE

The report of this Committee showed that fifteen applications had been considered, and grants made ranging from £10 to £30. The quarterly report stated that the total number of grants made was twenty-seven, amounting to £496 5s. During the same period the receipts amounted to £1,301 18s. 5d. Special contributions were acknowledged as follows:—Herbert C. Wright, £500; Bradford Branch, £22 2s. 8d.; Galen Lodge, £10 10s.; Hull Pharmacists' Association and Branch, £6 6s.; South East London Chemists' Association, £5 5s.; A. Ball, £4 7s. 6d.; F. S. Rose, £4; Manchester and District Pharmacy Club, £3 6s. 4d.; C. B. Harrison, £3; Aberdeen Branch, £2 10s.; Hull Chemists' Trade Association, £2 2s.; G. B. Harkness, £1 15s.; Cardiff Chemists' Golfing Club, £1 14s. 6d.; J. T. Davies (Chemists), Ltd., £1 7s. 6d.; R. B. Hodder, 15s.; B. McDonna, 8s. 6d.

MR. BEARDSLEY expressed the Committee's gratification at receiving the cheque for £500 from Mr. H. C. Wright, who in his letter accompanying it said that in the course of travelling in different parts of the country he had come across many deserving cases. He characterised the cheque as a magnificent contribution. Mr. Beardsley also made grateful reference to the efforts of Mr. and Mrs. Burdett, and other contributors.

MRS. FREKE mentioned that she had attended the prize-giving of the London Orphanage at Watford. All the children were very well and very happy.

MR. BEARDSLEY added that the Committee had received a letter from the trustees of the late Viscount Leverhulme requesting the Council to nominate the orphan child of a chemist for appointment to a scholarship at the Royal Commercial Travellers' School. The scholarship was restricted to orphans between the ages of five and twelve, and was tenable until the age of sixteen. Applications on behalf of suitable orphans must be received by the secretary of the Society not later than August 21.

THE PRESIDENT expressed appreciation of the gift of Mr. Wright, and said it would be of very great value to the Benevolent Fund. The action of the trustees of the late Lord Leverhulme, too, was particularly gratifying, as it showed the interest they took in the Fund. The report was adopted.

WAR AUXILIARY BENEVOLENT FUND

The report of this Committee showed that eight applications had been considered, and grants made, or now recommended, ranged from £10 to £51. In the Committee's quarterly summary it was stated that fourteen grants had been made, amounting in all to £381.

Mr. Antcliffe, moving the adoption of the report, pointed out that the bulk of the money now being disbursed was going to dependants. The report was adopted.

British Pharmaceutical Conference

When the report of the Executive of the British Pharmaceutical Conference was submitted it was stated that it contained matters which had been dealt with.

The President, however, said he felt sure the Council would like to express their appreciation of the work done, and of the reception accorded to the Conference. He recalled with very great pleasure the splendid hospitality and wonderful reception given by the City Corporation, and paid a warm tribute to the efforts of the London Executive, of which Mr. Melhuish was chairman.

The Vice-President, seconding, said that as he was not a Londoner he could speak more freely of the enormous amount of work put into the Conference by Mr. Melhuish, the secretary of the Society and the local secretary. He had had experience of a large number of conferences, but he looked on the recent one as wonderful in every possible way.

Mr. David Maxwell Jameson, past-president of the Associated Pharmaceutical Societies of South Africa (who was present as a visitor at the Council meeting), also paid a tribute of appreciation of the work of the Committee. He was not long in London, he said, before he found himself wonderfully at home, and after that everything was most enjoyable. In Port Elizabeth they were arranging for a conference next April, and he assured any member of the Council who attended it of a very warm welcome and every hospitality.

The resolution was carried with acclamation.

Mr. Melhuish, returning thanks, said all those associated with him had worked exceedingly hard, and they were gratified if those attending the Conference thought it had been the success it was hoped it would be.

Establishment Committee

The report of the Establishment Committee stated that about 250 persons took advantage of the opportunity to look over the Society's House on Monday, July 24. The Committee recommended that the following prizes be awarded:—

Degree and Pharmaceutical Chemist Courses

Pharmaceutical Chemistry.—Silver medal, Donald John Steel; certificate of honour, Ernest Ronald Withell; certificate of honour (practical), Donald John Steel.

Pharmacognosy.—Silver medal, Frederick Edward Read; certificate of honour, Ernest Ronald Withell; certificate of honour (practical), Frederick Edward Read.

Pharmacy.—Silver medal.—Donald John Steel; certificate of honour, Frederick Edward Read; certificate of honour (practical), Ernest Ronald Withell.

Hewlett Exhibition.—Marjorie Maude Dowsett.

Chemist and Druggist Course

Pharmaceutical Chemistry.—Bronze medal, Hedley Wakelin Bartlett; certificate of honour, Leslie George Westlake Kersey; certificate of honour (practical), Hedley Wakelin Bartlett.

Pharmacognosy.—Bronze medal, Charles Edward Dyer; certificate of honour, Alice Maude Fallwell; certificate of honour (practical), Alice Maude Fallwell.

Pharmacy.—Bronze medal, Richard Markham; certificate of honour, Ernest Woods; certificate of honour (practical), Fred Harrison.

Martindale Medal.—Ernest Woods.

It was decided that the Redwood Scholarship for 1933-35 be awarded to Mr. Thomas Dewar, and that an evening course in biochemical analysis similar to the one held last session be held next session from October to April on the same terms. The report was adopted.

Finance Committee

The financial statement showed that receipts since the last meeting, including a balance of £30 4s. 11d., amounted to £8,543 13s., comprising the following items:—Subscriptions, £408 19s.; registration fees, £138 12s.; restoration fees, £2 2s.; certificates of qualification, £3 3s.; examination fees, £8 8s.; School of Pharmacy—University grant, £162 10s.; biochemical analysis examination fee, £5 5s.; Pharmacological Laboratories, £287 5s.; penalties and expenses, £83 7s. 8d.; interest, £10 11s. 8d.; rentals, £426 15s.; vacation course fees, £4 4s.; "Pharmaceutical Journal," £583 15s. 9d.; Quarterly Journal, £26 19s. 11d.; "Pharmaceutical Pocket Book," £1 12s. 5d.; Registers, £2 15s. 9d.; Year-Book Index, £1 0s. 10d.; Pharmaceutical Press publications, £19 17s. 9d.; "Forensic Pharmacy," £5 9s. 5d.; B.P. Codex, £20 13s. 3d.; F.S.S.U. contributions, £16 11s. 7d.; B.P.C. London Committee—refund of expenses incurred, £86 18s. 6d.; sundries, £6 10s. 1d.; transferred from deposit account, £6,200. Payments ordered at the last meeting amounted to £8,496 6s. 7d., leaving a balance of £47 6s. 5d. The balances on the other accounts were:—Benevolent Fund (current account), £14 8s. 6d.; Benevolent Fund (donation account), £25 17s. 1d.; War Auxiliary Benevolent Fund, £48 6s. 5d.; Orphan Fund, £50 19s. 6d. Accounts amounting to £12,373 12s. 11d. were passed for payment, and the action of the secretary, in making payments amounting to £1,445 16s. 1d. was approved. The report was adopted.

Law Committee

The report of the Law Committee, presented by Mr. Hardy, stated that in England and Wales, since the last report, 766 shops have been visited; of these 456 were chemists' shops. In one chemist's shop no certificate was exhibited. At 15 of the remaining 311 shops certain infringements of the Pharmacy Acts were reported. In Scotland, since the last report, sixty-four chemists' shops have been visited. In each shop a certificate was exhibited.

This was all the public business.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," July 19, 1933)

"Gynoestryl"; for medicated preparations (3). By Laboratoire Français de Chimiothérapie, 89 Rue du Cherche-Midi, Paris. 542,024.

"Endrine"; for medicinal chemicals (3). By Petrolager Laboratories, Ltd., Braydon Road, London, N.16. 542,299.

(From "The Trade Marks Journal, July 26, 1933)

"Odylen"; for chemicals (2). By Bayer Products, Ltd., 31 Basinghall Street, London, E.C.2. 542,513.

"Liver Ovals" on label design including words "Walfox Brand" under fox; for liver pills (3). By Walfox, Ltd., Clerk Green Mills, Batley. B 537,672.

"Scalpecin"; for medicinal chemicals (3). By A. Wolff, Johannistal 48, Bielefeld. 541,690.

"Saldomin"; for all goods (3). By The Saldomin Co., 53 Victoria Street, London, S.W.1. 541,918.

"Izal" under cross on diamond shape; for medicinal chemicals (3). By Newton, Chambers & Co., Ltd., Thorncliffe Ironworks and Collieries, near Sheffield. 538,898. (Associated.)

"Hebaral"; for hypnotic medicines (3). By Parke, Davis & Co., 50-54 Beak Street, Regent Street, London, W.1. 542,047.

"Countess" under design of head and shoulders of girl with long curls; for saline preparations (3). By The South Wales Soap Co., Ltd., Newport Road, Hollybush, Blackwood, Mon. 541,532.

"Dermatex"; for surgical instruments, etc. (11). By Dermatex Rubber Co., Ltd., 30 City Road, London, E.C.1. 542,497.

"Elizabeth Arden Superfine Tooth Paste" with conventional design and words "Pâte de Savon Kenott"; for dentifrices (48). By Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1. 541,692. (Associated.)

"Peacholia"; for all goods (48). By Herbolite, Ltd., 85 Floodgate Street, Birmingham. 542,043.

Trade Notes

English lavender.—Perks & Llewellyn, lavender cultivators and distillers, High Street, Hitchin, have sent for our inspection a bunch of English lavender flowers. The spikes are well developed and promise a good yield of oil.

The Tintometer, Ltd., The Colour Laboratory, Milford, Salisbury, have issued a new brochure on the Lovibond tintometer, The British Drug Houses pattern, and a copy of this informative publication will be sent to anyone interested in these instruments.

Iva Fur Puffs, Ltd., 79 Golden Lane, London, E.C., announce the commencement of a national advertising campaign on August 28. Special window display material will be sent free of charge to any chemist who sends in the coupon appearing on another page.

John Baird & Sons, manufacturing opticians, 70 Mitchell Street, Glasgow, C.1, are advertising in this issue what they claim to be an unbreakable imitation shell spectacle frame. Messrs. Baird, who carry large stocks of all classes of frames and mountings, will send detailed lists on application.

Courtin & Warner, Ltd., 22 King Street, Tower Hill, London, E.1, ask us to call the attention of *C. & D.* subscribers to a mistake on the part of the telephone service. The company's name does not appear in the new Telephone Directory, but it should be noted that their name and address is unaltered, and the telephone numbers—Royal 1444-5.

Digoxin, to which reference was made in the chairman's address at the recent meeting of the British Pharmaceutical Conference (*C. & D.*, July 29, p. 123), is issued by Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C., in whose laboratories it was discovered. The following products are available: for oral administration—Tabloid digoxin 0.25 mgm. (bottles of 25 and 100) and solution of digoxin 0.5 mgm. in 1 c.c. (bottles of 30 c.c. and 250 c.c.); for intravenous administration—Hypoloid digoxin 0.5 mgm. in 1 c.c. (boxes of 10).

Price reduction.—Thomas Christy & Co., Old Swan Lane, London, E.C.4, announce a reduction in the prices of Mum, of which they are the distributors. This perspiration deodorant is in the form of a paste which is stated

to be neither greasy nor sticky, while it is harmless to the skin and to fabrics. One of the showcards which is being supplied and the manner in which Mum is packed is illustrated above.

Kodak, Ltd., Kingsway, London, W.C.2, have introduced a super-fine grain panchromatic film under the name of Kodak Panatomic film. This new material has been specially produced to enable owners of miniature cameras to get negatives, with panchromatic quality, capable of very great enlargement. The film is distinguished by a blue and black saw-toothed border, in the place of the Verichrome chequer and S.S. "lightning" border, on the yellow carton.

Bank holiday arrangements.—The following wholesale houses have notified us of the special holiday arrangements they have made:—Bayer Products, Ltd., London, E.C.3, will be closed from Friday evening, August 4, to Tuesday morning, August 8. During this period supplies of Bayer products are obtainable from John Bell & Croyden, Ltd., 52 Wigmore Street, London, W.1, and Mr. R. Woolby Brooke, 19 Gloucester Road, S.W.7.—The Tottenham works of Savory & Moore, Ltd., and of Pharmaceutical Products, Ltd., will be closed from Saturday, August 5, to Tuesday, August 8. Urgent supplies of the products of either company can be obtained from John Bell & Croyden, Ltd., Wigmore Street, W.1.

The photograph reproduced below illustrates three 4 lb. jars of chemists' confectionery manufactured by Sunsweets, Ltd., Russell Street, Peterborough. They are

barley sugar twist, acidulated fruits and blackcurrant and glycerin tablets. Each "sweet" is wrapped in cellophane, and each jar bears a label announcing that the company's confectionery has been examined and approved by British Analytical Control, Ltd. The brightly coloured labels and the attractive appearance of the contents of the jars conveys an impression of quality which appeals to chemists' customers for products of this nature.

The August issue of "T.K.'s Monthly," the house-organ of Thomas Kerfoot & Co., Ltd., manufacturing chemists, Bardsley Vale, Lancashire, contains the results of the competition the company has conducted based on an editorial article in the *C. & D.* dealing with "Going Out for Business." The first and second prizes were divided between Mr. G. R. Moulds, chemist and druggist, Leeds, and Mr. F. H. Rowcroft, chemist and druggist, Maidstone, the third prize being awarded to Mr. B. H. Gale, chemist and druggist, Aston, Birmingham. Two of the articles entered for the competition are printed in the issue referred to, and a copy of the publication will be sent on request to any chemist who has not already received one.

Profitable business.—The increasing demand for medicines for dogs is one which affords the chemist considerable opportunity for augmenting his profit and his reputation. Most dog-owners are prepared to spend when the welfare of their animal is concerned, particularly if a sympathetic interest is shown. Whether chemists run their own veterinary specialities or not there is bound to be a demand for proprietary lines as the result of advertising and recommendation. Among the preparations to which attention may be directed are those marketed by Shaw's Veterinary Products, Ltd., 98 High Road, Streatham, London, S.W.16. The company is offering a full range of palatable powders, and in addition such remedies as eye ointment, skin ointment and dry shampoo. All the remedies are wrapped in cellophane, while those in powder form are in envelopes coloured yellow for large dogs, blue for medium and pink for small animals.

Marriages

BISSELL—CHAPMAN.—At St. George's Church, Bolton, on July 26, Edward S. Bissell, Ph.C., only son of Mr. H. Bissell, 220 Tonge Moor Road, Bolton, to Nora, youngest daughter of Mr. E. Chapman, 19 Mellor Grove, Bolton.

DOYLE—GILMARTIN.—At St. Peter's Church, Drogheda, recently, Michael J. Doyle, Ph.C., to Teresa Gilmartin.

STOCK—WHITE.—At St. Mary's Church, Hadlow, Kent, on July 26, Dennis E. Stock, to Kathleen Louisa, daughter of Mr. P. White, chemist and druggist, Hadlow.

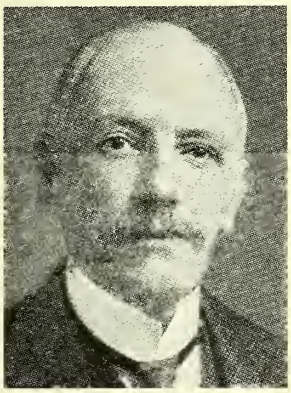
Silver Wedding

LAWSON—CLOKIE.—On July 29, 1908, at the Castleford Congregational Church, by the Rev. R. Wardlaw Thompson, D.D., assisted by the Rev. W. J. Tuffley, John, second son of John Lawson, of Burley, Leeds, to Faith Winifred, fourth daughter of the late Alderman Clokie, J.P., and Mrs. Clokie, of Castleford. Present address: 49 Melton Road, West Bridgford, Nottingham.

Deaths

CORDER.—At 4 Rosella Place, North Shields, on July 24, Mr. Walter Shewell Corder, Ph.C., aged seventy-one.

GREENISH.—At his residence, 11 Grove Road, Willesden Green, London, N.W.2, on August 2, Professor Henry George Greenish, D. ès Sc. (Paris), F.I.C., F.L.S., Ph.C. It is with profound regret that we have to record the death of Professor Greenish, whose resignation from office as Dean of the Pharmaceutical Society's School (now College) of Pharmacy we reported less than two months ago. Henry George Greenish was the son of the late Mr. Thomas Greenish, Ph.C., who was president of the Society in 1880-82 and of the British Pharmaceutical Conference in 1886. Professor Greenish was born in London in 1855, and served an apprenticeship to his father. He won a Bell scholarship in 1875, and in the Bloomsbury Square School session of 1876-77 gained five silver medals in addition to that of the Society. After passing the Major examination he was for a time a demonstrator in the School, and then continued his studies at the Universities of Dorpat and Vienna. Returning to England, he was appointed a lecturer in the Society's School in 1890 and a professor in 1893. The office of Dean of the School and Professor of Pharmaceutics was established a few years later; and on the recognition of the School by the University of London he became the University's Professor of Pharmaceutics. Professor Greenish took an active part in the preparation of the British Pharmacopœias of 1898 and 1914, in the latter instance being joint editor: a further service of national importance was rendered in 1911, when, with the late Sir William Glyn-Jones, he undertook a tour in various Continental countries in order to gain information on the working of health insurance schemes. His published works include "A Text Book of Pharmacognosy," first issued under a different title in 1899, and now in its sixth edition; "The Microscopical Examination of Foods and Drugs"; and (in collaboration with the late M. Collin) an "Anatomical Atlas of Vegetable Powders."



PROFESSOR H. G. GREENISH

Numerous monographs from his pen have also appeared in scientific journals. Professor Greenish's work in connection with the British Pharmaceutical Codex extended over many years, and during the recent war he was frequently occupied on problems submitted by Government departments. In 1917 he was the Hanbury medallist; in 1920 the honorary degree of Docteur de l'Université de Paris was conferred upon him. From 1891 to 1926 the "Year-Book of Pharmacy" bears ample witness to his versatility in research. A fitting tribute to his many services to pharmacy was paid in 1922, when he was president of the British Pharmaceutical Conference; in the same year he celebrated his silver wedding. Those who were present at the Nottingham meeting of the Conference in 1922 will remember the *bonhomie* with which he discharged the duties of president. Professor Greenish was a member of the Commission set up in connection with the preparation of the British Pharmacopœia, 1932. Years ago he became an expert photographer, and more recently he favoured golf as a recreation. Though not in the best of health, he was present last week at some of the Conference functions: as far as we are aware, no indication was then afforded of the approaching end. Grief at his death will be wide and sincere. The funeral service is being held at the Golders Green Crematorium on August 4 at 11 a.m.

HORGAN.—At the Pharmacy, Kilmallock, co. Limerick, on July 24, Mr. James Horgan, L.P.S.I., aged sixty-three.

HOULT.—At The Mount, Uttoxeter, on July 22, Mr. Joseph Emanuel Hoult, retired chemist and druggist, aged eighty-two. Mr. Hoult served his apprenticeship at Burton-on-Trent, and after further experience established his own business at Cheadle, Staffordshire, retiring after thirty years. He served on Cheadle Parish Council.

LLOYD.—Recently, Mr. John Eliot Howard Lloyd, secretary and a director of Albright & Wilson, Ltd., manufacturing chemists, Oldbury, Birmingham, aged sixty-two.

NOTMAN.—On July 17, Mr. William Francis Notman, a director of the Aerograph Co., Ltd., 43 Holborn Viaduct, London, E.C.1, since 1931, and previously of the De Vilbiss Co., Ltd., aged fifty-nine. Mr. Notman was beloved by all the staff of his company, and his passing is deeply regretted.

SAUNDERS.—At 111 Salmon Lane, London, E.14, on July 13, Mr. Stanley William Saunders, chemist and druggist, aged twenty-seven.

SWEETMAN.—At 10 Mersey Road, Heaton Mersey, on July 17, Mr. Robert Sweetman, retired chemist and druggist, aged eighty-four. Mr. Sweetman carried on business for a long period at Ludlow, and served on the Town Council.

WISE.—At St. Neots, Huntingdonshire, recently, Mr. James Wise, chemist and druggist, for over fifty years in business in the town, aged eighty-one.

Personalities

MR. F. J. J. COOK, chemist and druggist, Norwich, is suffering from a fractured leg as the result of a motoring accident.

MR. G. R. JENKINS has succeeded Mr. A. L. Hodgson on the representative staff of Francis Newbery & Sons, Ltd., Charterhouse Square, London, E.C.1.

MR. A. L. ROBERTSON, chemist and druggist, Cheddar, who underwent an operation for appendicitis at the Bristol Royal Infirmary on July 26, is reported to be progressing favourably.

MR. ALAN FRANCIS, who has recently resigned his appointments with The British Drug Houses, Ltd., London, N.1, and with the Canadian and Australian subsidiary companies, has sailed in s.s. "Orama" for Australia, where he is expected to make a prolonged stay. It is hoped that his health will benefit greatly from the voyage and change.

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INFORMATION WANTED

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F/21. Tetrotol abdominal towels
B/27. Thalamine (for hæmorrhage)
E/27. Theme wool

THE
CHEMIST AND DRUGGIST
VOL. CXIX. AUGUST 5, 1933 NO. 2791

Mercury

THE market dealing in mercury has recently received the attention of speculators, who are reported to have purchased fair quantities in anticipation of firmer conditions. It is not our desire to cause prices for this or any other commodity to advance artificially; but, when reviewed, the facts appear to suggest that, while quotations are most unlikely to decline from their present low level, they may probably advance substantially. In reviewing the market, the American and Mexican productions are not taken into account; the former is not nearly sufficient to meet the ordinary domestic consumption, normally purchasing some thousands of bottles in the European market, while the mines in the latter country now produce between 250 and 300 bottles a month. Therefore these sources have little or no bearing on the subject.

Stocks on Hand

The European, Eastern and, to some fair extent, the American markets have to rely almost entirely for their supplies on the Spanish-Italian group of mines. The sales of the European combine so far this year are reported to have been very satisfactory but, despite this improvement in demand and corresponding reduction in stocks, they still have on hand rather more than 100,000 bottles. The report adds that production has been more or less at a standstill for the past twelve months, with only a very few mines operating, and that there will be no material increase in output until the stocks mentioned have been substantially reduced and sales prices brought into line with production costs. A definite point is made, and not for the first time, that the very large majority of the mines cannot produce and sell profitably at current prices. The annual consumption of the world in normal times has been estimated to be over 100,000 bottles, and under present conditions it is believed to be between 75,000 and 80,000 bottles a year. So there is on hand stocks sufficient to meet slightly more than a year's requirements.

Fall in Value

The heavy stocks in Europe accumulated during the past few years and the intermittent cheap selling from the American Continent some year or two ago, were the chief factors which brought about the decline in value from £20 to £9 per bottle. Mercury is one of the very few commodities in the metal group that has declined in value during the past twelve months. The commoner metals, such as tin, lead, copper, etc., have advanced from 10 to 50 per cent., while those composing the precious metals section have, on average, appreciated to some small extent. A year ago mercury was quoted at £10 10s., after being much dearer earlier in 1932; to-day it is quoted in the region of £9 per bottle. With practically no fear of competition from Mexican or American sources of production (the latter country is reported to have made considerable purchases in Europe during June and July), and with the recent emphatic denial of the rumour that the Spanish-Italian group would break up in September, 1934, it does seem that the European producers should be able to report a steady decrease in stocks and, at the same time, experience little difficulty in re-establishing sales prices on an economic basis.

"C. & D." Retail Price List

THE drug prices index for July advanced from 148.6 to 149.3; the comparative figure for July 1932 was 147.1. There was no change in the index for surgical dressings prices, which remains at 136.5, as compared with 136.0 in July of last year. The changes in drug prices are small for the month and are set out below:—

Cost			Selling Price			
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
18	oz.	Ext. convallariæ liquidum	—	—	2 8	0 5
18	oz.	Guaiacol	—	—	2 8	0 5
35	lb.	Lobelia pkts. .. C	—	1 4	0 5	—
32	lb.	Lobeliæ pulvis .. C	—	1 2	0 4	—
90	gal.	Ol. terebinthinæ ..	pint	1 6	0 2	—
18	oz.	Phenazonum	—	—	2 8	0 5
69	lb.	Tr. ergotæ ammoniata B	—	2 5	0 8	0 2
7	oz.	Tr. gossypii	—	—	1 1	0 2
8	oz.	Tr. grindeliæ	—	—	1 2	0 2
28	lb.	Ung. chrysarobini ..	3 6	1 0	0 4	0 1
24	lb.	Ung. eucalypti	3 0	0 11	0 3	—
66	lb.	Ung. methyl salicyl. co. fort.	—	2 4	0 8	0 2
30	ea.	Elastoplast bandage, 3 in.	ea.	3 6	—	—
14	ea.	Viscopaste bandage, 3½ × 6 in.	ea.	1 9	—	—

Business Changes

MR. W. A. BALL, chemist and druggist, has opened a pharmacy at 2 Swan Street, Warwick.

MR. FRANCIS MULLINEAUX, chemist and druggist, is opening a business at 174 Shear Brow, Blackburn.

MR. H. B. HAMMOND, chemist and druggist, is shortly opening a pharmacy at 784A London Road, Thornton Heath.

MR. F. CROSSLEY, chemist and druggist, has taken over the business of Mr. J. F. Blackhurst, chemist and druggist, 44 Bond Street, Blackpool.

MR. WILLIAM BROWN, chemist and druggist, has acquired the business of Mr. William Fraser, chemist and druggist, Gilmour Street, Eaglesham, near Glasgow.

THE offices of Watkins & Laing (London), Ltd., manufacturing chemists, have been transferred from 264 Bishopsgate, E.C.2, to 64-68 Pitfield Street, London, N.1, owing to the fire which occurred at the former address; we are informed that no interruption will occur in the dispatch of orders. (Telephone: Clerkenwell 7759.)

BRITISH PHARMACEUTICAL CONFERENCE

The Proceedings

(*CONCLUDED FROM THE "C. & D." JULY 29, p. 168*)

Science Section

Wednesday Afternoon

The next paper taken, which was read by Mr. Jones, dealt with:—

The Variation in Solubility of Calcium Lactate

By Norman Glass, A.I.C.

[Abstract]

The method used to compare the solubilities of samples of calcium lactate differed from the more usual one of shaking the substance with a deficiency of water and then determining the amount of salt dissolved in the liquor. A method of procedure was devised and standardised as follows:—The substance was first ground and passed through a 120-mesh brass sieve, and 1 gm. was then placed in a 6 in. × ¾ in. test-tube; 20 c.c. of water at 15.5° C. was added and the time noted. The tube was closed with a rubber bung and shaken until solution was complete, the tube being held as near to the top as convenient in order to minimise heating by the hand. The time and temperature were again taken at the end of the experiment. The following tables show the solubilities of various calcium lactates as they occur in commerce and as prepared from various supplies of lactic acid:—

Solubility of Commercial Samples of Calcium Lactate

No.	Origin	Temperature		Diff.	Time Shaken	Calories
		Initial	Final			
		Deg.	Deg.	Deg.	Mins.	
1	Continent	15·5	17·5	2·0	2·5	40
2	English	15·5	18·0	2·5	3·0	50
3	German	15·5	20·0	4·5	11·0	90
4	German	15·5	23·0	7·5	17·0	150
5	German	15·5	23·5	8·0	22·0	160
6	Belgian	15·5	24·0	8·5	25·5	170
7	English	15·5	24·0	8·5	18·0	170
8	English	15·5	23·5	8·0	24·0	160
9	Danish	15·5	23·5	8·0	22·0	160
10	English	15·5	18·0	2·5	3·0	50

Solubility of Calcium Lactates prepared from Various Acids

11	Continent	15·5	16·5	1·0	2·0	20
12	German	15·5	18·5	3·0	4·5	60
13	German	15·5	22·0	6·5	30·0	130
14	English	15·5	23·0	7·5	18·0	150
15	English	15·5	20·5	5·0	5·0	100
16	Synthetic	15·5	16·5	1·0	2·0	20

For the purposes of better comparison the figures in the last column indicate in a general way the relationship between the energy required to dissolve the various samples; they may be taken, roughly speaking, as calories, and were obtained merely by reckoning that the 20 c.c. of water used in the test absorb 20 calories by being warmed through 1° C. Sample 1 dissolved in 16.6 parts of water at 23° C. Samples 3, 12 and 15 are interesting as they appear to constitute a link between the more extreme behaviour of the majority. Samples 2 and 10 are believed to be made by the same firm. As a result of these tests it appeared that there were two kinds of lactate being dealt with, one of which was soluble in 20 parts of water at 23° C. and the other which only required about 16 parts of water at the temperature, the greatest contrast being seen when solution was attempted at a lower temperature and the heat required to complete the operation supplied by shaking. It cannot be too strongly emphasised, however, that all these figures take no account of the temperature of the surrounding atmosphere. The experimental work which followed included a series of experiments on the less soluble lactate in the hope of producing the "soluble variety," but without success. Another series was conducted upon the "soluble" in the hope of turning it into the less soluble, and again with complete failure. Samples of commercial acid were obtained and the calcium salt was prepared from them by various processes. Here again the two varieties were encountered; some acids gave the soluble and others the less soluble lactate.

The author gives various methods of preparing calcium lactate. Along with the main unsolved problem, he states, there occurred a physical phenomenon with the less soluble lactate, for which no adequate explanation has appeared. It was found that if the sparingly soluble lactate be dissolved in about three parts of hot water and strong alcohol be added, the salt will slowly crystallise out and this variety is so much improved in solubility as almost to be equal to the "soluble" kind. Acetone precipitation seemed to work in a similar manner, though perhaps in rather less degree. When, however, these precipitates were dissolved and recrystallised from water, they returned to their former character. A similar treatment of the "soluble" variety produced no change of any kind. A sample of the less soluble lactate was shaken with a deficiency of water for a short time and the dissolved and undissolved portions recovered. There was found to be little difference in the solubilities of the two parts, thus excluding the possibility of two compounds of different solubilities being present, which could easily be separated by fractional solution. Having failed to bring about any alteration in the less soluble lactate, attention was next directed to the "soluble" kind. A portion was converted into acid and, as well as being recombined directly, some of the acid was concentrated on the water bath in order to increase the anhydride content before neutralising. About 10 per cent. of the acid was lost in the steam during four hours' heating of some 30 gm. of 40 per cent. strength, and the ratio of acid to anhydrides calculated as lactic acid increased from 100: 5.3 to 100: 27.9. The resulting salts were still of the readily soluble order.

The microscopical appearance of calcium lactate, the optical rotation of the acids, the chemical examination of calcium lactate and lactic acid, and the synthesis of lactic acid are next dealt with. In the discussion the author states that it is clear that no precise solubility can be defined for calcium lactate as it occurs in trade. So far as he has been able to go, the conclusion is that there appears to be on the market two distinct varieties of lactic acid, one producing calcium lactate of greater solubility than the other. From the commercial point

BRITISH PHARMACEUTICAL CONFERENCE · 1933

of view the position is that while a number of manufacturers are putting on the market products of comparable purity as far as the B.P. chemical tests go, the solubility of the products will vary according to the lactic acid they buy or make.

SUMMARY

This paper is a report of work undertaken in the endeavour to find the cause of specimens of calcium lactate differing from one another in solubility.

The results of the work indicate that the differences observed are not due to any change taking place within a specimen of calcium lactate after its production, but that these differences are inherent to the original formation of the salt.

No method of separating a more soluble salt from a less soluble sample was discovered.

The position arrived at is that it must be accepted for practical purposes that specimens of calcium lactate differ from one another in solubility with different processes of manufacture, that the true explanation of the difference has yet to be found, and that it is useless to set a single constant as a standard of solubility for calcium lactate, because it would exclude the product of a number of manufacturers which in all other respects is of official quality.

The work of this paper was carried out in the laboratory of Evans Sons Lescher & Webb, Ltd.

DISCUSSION

THE CHAIRMAN said they were still without a solution to this difficult problem. It was a pity that the salt could not be produced in a uniformly soluble form. Mr. Glass goes away from figures of solubility and considers what might be called the "readiness" of solubility.

MR. ALLPORT complimented the author on his paper. The remarks about speed of solubility were important.

MR. HEDDING said he noticed no mention was made of the molecular weight of the calcium lactate.

MR. HARLEY said that at a recent Edinburgh meeting it was suggested that in prescriptions calling for calcium lactate the best results were obtained by making a nascent salt.

MR. HAYES said his experience had been the older the salt the less the solubility.

MR. JONES, in reply, said Mr. Glass had dismissed the idea of hydration. He did not think that age made any difference. The problem remained something of a mystery.

The next paper, which was taken as read, was on:—

The Yield of Extractive in Unstandardised Official Extracts

By B. R. VENESS

[ABSTRACT]

THE Research List of the British Pharmaceutical Conference, 1932, included the following:—"Extracts: figures for the relation between the yields of unstandardised extracts and the weights of the drugs from which they are made." A number of samples of each drug were obtained from various wholesale houses and the determinations were made in duplicate working on 10 gm. of drug in each case. In order to minimise loss due to fermentation and enzyme action 0.05 per cent. of mercuric chloride was included in the menstrua.

Dry Extract of Cascara Sagrada.—The drug in coarse powder was percolated to exhaustion. The percolate was boiled to precipitate any proteid matter, filtered, evaporated to dryness and dried at 100° C. to constant weight. Average yield, 24 per cent.

Extract of Gentian.—After weighing, the soft extracts were dried at 100° C. and again weighed. The difference in weight between the dry and soft extracts indicated the amount of water present and assisted in maintaining uniformity of water content of the soft extracts. Average yield, 40 per cent.

Extract of Liquorice.—The same precautions were taken as for extract of gentian. Average yield, 30 per cent.

Dry Extract of Krameria.—The percolate was boiled to inactivate the enzyme present, and then evaporated to dryness. Average yield, 11 per cent.

Sample	A		B		C		Average
Ext. glycyrrh. yield, per cent.	32·2	31·1	36·0	36·7	35·4	35·2	00·0
Residue on drying at 100° C. per cent. ...	25·0	24·6	28·2	28·8	27·9	28·8	00·0
Ext. casc. sagr. sicc. yield, per cent. ...	27·2	26·9	24·7	23·4	23·5	—	00·0
Ext. gent. yield, per cent.	51·2	49·5	31·7	32·1	31·9	29·7	00·0
Residue on drying at 100° C. per cent. ...	42·0	40·3	24·6	24·9	23·7	22·4	00·0
Ext. kramer sicc. yield, per cent.	15·0	16·0	12·1	13·3	9·3	8·3	00·0

Sample	D		E		F		Average
Ext. glycyrrh. yield, per cent.	21·5	23·1	31·1	32·1	27·3	27·7	00·0
Residue on drying at 100° C. per cent. ...	16·8	18·0	24·6	25·2	19·1	20·2	00·0
Ext. casc. sagr. sicc. yield, per cent. ...	25·8	24·8	22·7	23·7	22·0	24·2	00·0
Ext. gent. yield, per cent.	28·1	30·3	46·5	46·7	51·4	48·2	00·0
Residue on drying at 100° C. per cent. ...	22·0	24·0	36·7	37·0	39·2	38·3	00·0
Ext. kramer sicc. yield, per cent.	9·6	10·3	15·8	15·2	7·3	7·3	00·0

Liquid Extract of Liquorice.—This is the only liquid extract of corresponding type, the yield of which required to be determined. The percentage w/v of solids from samples examined were:—49.8 per cent., 50.6 per cent., and 50.7 per cent.

As the specific gravity is fixed this value of about 50 per cent. may be taken as constant. Consequently, as the average extractive from liquorice, dried at 100° C., has been shown to be 23.9 per cent. (see table), the average yield of liquid extract obtainable from the root will be $23.9 \times 2 = 47.8$ per cent., or, in other words, each 100 gm. of liquorice root may be expected to yield about 48 millilitres of liquid extract.

The final paper dealt with:—

The Preparation and Storage of Solutions of Tribromethyl Alcohol

By W. H. BUTCHERS, K. BULLOCK, M.Sc., Ph.D., A.I.C., and G. R. PRIDDEY

[ABSTRACT]

IT is generally agreed that overheating of solutions of tribromethyl alcohol causes decomposition. The practice of storing solutions in vacuum flasks is liable to produce similar effects, owing to prolonged heating at a low temperature being equivalent to heating for a short time at a high temperature. The makers of the proprietary product (avertin) state that the solution should not be heated above 40° C. The decomposition products are dibromacetaldehyde and hydrobromic acid, the former being highly injurious to mucous membrane. Cases of varying severity have followed decomposition in solutions of tribromethyl alcohol used for inducing narcosis by rectal injection.

The object of the experiments was to elaborate a delicate test for incipient decomposition and to determine suitable storage conditions. Preliminary tests showed that Universal Indicator (B.D.H.) discloses initial decomposition at low temperatures (38° to 42° C.) in periods as short as ten minutes, whereas the usual Congo-red test showed no change in colour with solutions kept under similar conditions for over an hour. The rate of decomposition of tribromethyl alcohol solutions at various temperatures was ascertained by estimation

BRITISH PHARMACEUTICAL CONFERENCE · 1933

of hydrobromic acid liberated. The following results were obtained:—

Condition of solution	Estimation by alkali	Estimation of bromide		
	Mils of	Mils of	Mils of	Mils of
	N/50 sodium hydroxide required by 50 of solution	N/50 silver nitrate added to 50 of solution	N/50 ammonium thio-cyanate	∴ N/50 silver nitrate used by bromide ions
Decomposition at 80° C.				
Before heating	0·025 (1 drop)	4·00	3·03	0·97
Immediate at 80° ... (Time of heating to attain 80° = 13 mins.)	0·48	4·00	2·60	1·40
After heating 10 mins. at 80°	2·42	4·00	1·26	2·74
After heating 20 mins. at 80°	4·46	6·00	1·30	4·70
After heating 30 mins. at 80°	6·50	9·00	2·30	6·70
After heating 40 mins. at 80°	8·47	10·00	1·64	8·36
After heating 50 mins. at 80°	10·11	12·00	2·18	9·82
After heating 60 mins. at 80°	11·86	13·00	1·90	11·10
Decomposition at 60° C.				
Before heating	0·025	4·00	3·01	0·99
Immediate at 60°... ... (Time required to attain 60° = 7 mins.)	0·06	4·00	2·96	1·04
After heating 10 mins. at 60°	0·28	4·00	2·86	1·14
After heating 20 mins. at 60°	0·44	4·00	2·68	1·32
After heating 30 mins. at 60°	0·60	4·00	2·58	1·42
After heating 40 mins. at 60°	0·72	4·00	2·45	1·55
After heating 50 mins. at 60°	0·88	4·00	2·35	1·65
After heating 60 mins. at 60°	1·04	4·00	2·26	1·74

Decomposition at 37° C.

Condition of solution	Mils of N/50 sodium hydroxide required by 50 of solution
Immediately before heating	0·025
After heating at 37° C. for 18 hours	0·5
After heating at 37° C. for 42 hours	1·16
After heating at 37° C. for 1 week	4·90

It will be noted that the bromide ion estimation does not agree with the acidity determination, there being two discrepancies. (*a*) While there is no initial acidity there is a small amount of ionisable halogen present in the freshly prepared solution. (*b*) The acidity increases more rapidly with the time than does the bromide ion, which indicates that secondary changes occur as would be expected in a solution containing an alcohol, an aldehyde, and free hydrobromic acid with no special precautions for the exclusion of atmospheric oxygen. For these reasons it is impossible to give a percentage decomposition of avertin or even to calculate the percentage of hydrobromic acid liberated with any degree of certainty, and so the results have been expressed empirically as c.c. of N/50 solution required. The results clearly indicate that tribromethyl alcohol in solution undergoes progressive decomposition, and that the rate of decomposition is increased by a rise in temperature.

The following test, which has given consistently good results, is suggested for routine use:—

Transfer 3 mils of the prepared solution to a clean test-tube and cool. In a similar test-tube place the same volume of the distilled water used in the preparation of the tribromethyl alcohol solution, and to each tube add 2 drops of Universal Indicator; the colour of the avertin solution should be greenish-yellow, and it should not be possible to detect any difference in the colour of the two tubes.

All apparatus must be scrupulously clean and rinsed with distilled water. The actual water for the batch is used as check control, since the PH value of ordinary water may vary.

Conclusions

As a result of further experiments the authors arrive at the following conclusions:—

(1) That the new test with Universal Indicator indicates decomposition before a titratable amount of acid is formed, the change from green to orange occurring with less than the equivalent of one drop (0.025 mil) of N/50 sodium hydroxide.

(2) Congo-red indicator requires the liberation of an amount of acid corresponding to over 0.5 mil of N/50 alkali per 100 mils of solution before it indicates decomposition.

(3) There is progressive decomposition of tribromethyl alcohol in aqueous solution during storage at body temperature (37° C.).

(4) Appreciable decomposition occurs during overnight storage of solution in a vacuum flask, and such practice is open to serious objection.

(5) Overheating the water to 65° C. and adding tribromethyl alcohol results in an amount of decomposition immediately detectable by the new test with Universal Indicator.

Discussion

The Chairman said the author had done a service in pointing out the disadvantages of the use of Congo-red.

The Chairman, in concluding the science sessions, proposed a very hearty vote of thanks to the authors of the papers.

Closing Session

Thursday Morning, July 27

The closing session of the Conference was opened by the chairman (Dr. C. H. Hampshire), the first item on the agenda being the presentation by Mr. Corfield (secretary of the Conference) of the

Report of the Executive.

The following are the principal passages in the seventieth annual report of the Executive:—

This year the number of corresponding members is 121. There have been since the last annual meeting six retirements, and eighteen new corresponding members have been elected. The Executive have to report, with regret, the deaths of several pharmacists well known to the Conference. Dr. W. H. Martindale, at one time a member of the Executive, who died last April at the comparatively early age of fifty-eight, will be a very great loss to pharmacy. Mr. Feaver Clarke will be remembered for many years for the interest that he took in the annual meetings of the Conference. Mr. Robert Fouracre, whose sudden and tragic death was a great shock to all his friends, was another well-known pharmacist and regular attender of the Conference. The Executive regret also to record the deaths of two corresponding members, Mr. Thomas Tucker of London and Mr. J. N. Woolcott of Warracknabeal, Australia. . . .

Your Executive are pleased to find . . . that the research list published in the Proceedings of the Conference last year has been of value to workers requiring suggestions. The list has been revised by a subcommittee consisting of Messrs. R. R. Bennett, H. Berry, G. R. Boyes, B. A. Bull, C. E. Corfield and Dr. C. H. Hampshire. Several new subjects have been included, and a few, which do not appear likely to result in satisfactory conclusions or have been investigated recently, have been deleted. [A new list is printed in the report.]

The number of papers read at the science meetings has again exceeded the average for many years past, and the Executive wish to record their thanks to the authors of the thirty papers for their contributions to the advancement of pharmaceutical knowledge, and also to the Council of the Pharmaceutical Society for providing the "red books," and

BRITISH PHARMACEUTICAL CONFERENCE · 1933

for the publication of the papers in the "Quarterly Journal of Pharmacy and Pharmacology." Your Executive hope that the interest in the publication of results of scientific investigations through the medium of the Conference will continue to increase, and they take this opportunity of reminding all members that papers on pharmaceutics as well as those on allied subjects are welcome and that the science sessions provide ample opportunity for the discussion of results. This year arrangements were made to distribute advance copies of the papers a few days before the opening of the Conference, and it is hoped that this arrangement has been helpful to members who have attended the science meetings.

The Executive wish to express their pleasure at having had the opportunity of meeting again after ten years in London, and to place on record their thanks to the officers and members of the London Committees for making, so successfully, the arrangements which have resulted in a Conference of such magnitude, and memorable not only for the brilliance of its functions but for the international atmosphere of the assembly. . . . Your Executive view the future of the Conference in all its aspects with the greatest confidence.

Treasurer's Report

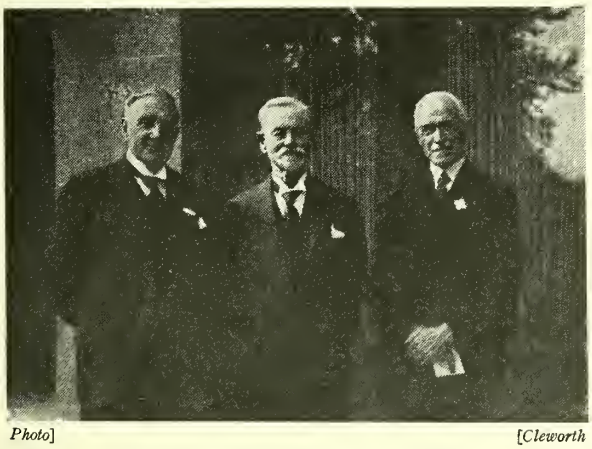
The report of the treasurer (Dr. F. W. Crossley Holland) was as follows:—

The accounts for 1932 show that the income from subscriptions paid by corresponding members was £57 4s. 6d. This amount has been credited to the "Quarterly Journal of Pharmacy and Pharmacology" accounts. On the expenditure side of the account, the general expenses of the Conference were £150 1s. 11d. These figures were included in the Pharmaceutical Society's financial statement presented at the Society's annual meeting in May of this year. The total amount expended is £101 15s. 4d. less than the expenditure of the previous year. Apart from the figures to which reference has just been made the Conference account shows a balance in hand of £95 15s. 4d. The sum of £10 was taken from the Bell and Hills Fund in order to purchase suitable books for presentation to the library of the local Branch of the Pharmaceutical Society at Aberdeen on the occasion of the last meeting of Conference. This sum has been the only call on the fund. The financial year of Conference has been uneventful, and the balance at the bank happily exceeds the balance of the previous year by the sum of £21 5s.

The reports were adopted.

Thanks to the City Corporation

The President proposed a vote of thanks to the Corporation of the City of London for the wonderful send-off they had given to the Conference by their hospitality



Photo] [*Cleworth*

Left to right: Messrs. Rowsell, Naylor, Peck

and generosity. In particular the visitors from other parts of the Empire and the Continent would take back to their homes the happiest recollections of the welcome they had received.

Mr. Melhuish seconded, and the resolution was carried with enthusiasm.

Invitation for 1934

Mr. Gough extended a cordial invitation to the Conference to meet in Leeds during 1934. He pointed out that the organisation's last visit was in 1890, more than forty years ago. The Corporation of Leeds and the University had promised to co-operate, and it was hoped that before

Photo] [*Cleworth*

Mr. Brooke Kelly (*right*) and Dr. Hofman Patronise a Flower Seller

long a degree in pharmacy would be established in the University.

Mr. Crummack seconded the invitation.

Mr. J. P. Gilmour proposed that the Conference accept the invitation, and this was seconded by Mr. Edwards, of Northern Ireland, the resolution being carried with acclamation.

Election of Officers

Mr. Beardsley, in proposing the adoption of the election of officers (the list was printed in the *C. & D.*, July 29, p. 169), congratulated the chairman on being re-elected, and paid a warm tribute to his work for the success of the Conference. He also referred with satisfaction to the manner in which Dr. F. W. Crossley Holland (treasurer) and Messrs. C. E. Corfield and G. R. Boyes (secretaries) had carried out their duties.

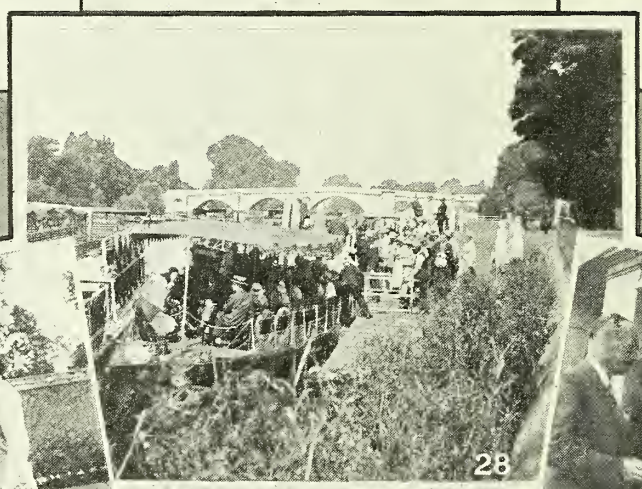
Mr. Parry seconded the resolution, which was passed with great cordiality.

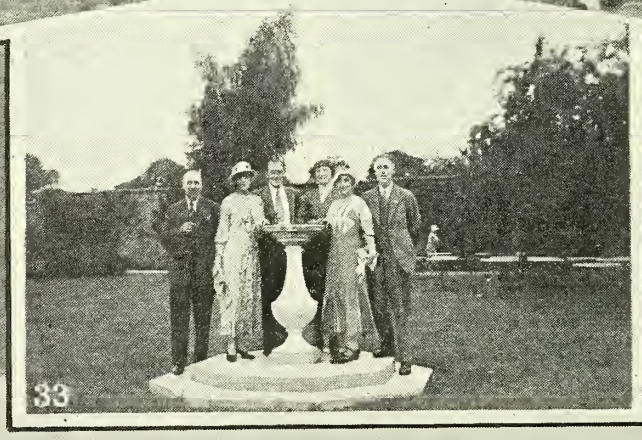
Dr. Hampshire briefly replied, observing that he was especially gratified at being afforded an opportunity of being chairman of the Conference to be held in his native West Riding.

M. Pattou (Brussels) proposed a vote of thanks to the chairman for his services during the Conference. This was seconded by Professor Eder (Zurich). Both speakers expressed their appreciation of the good-fellowship shown to the foreign visitors by everyone attending the Conference. M. Pattou, in particular, extended a cordial invitation to all to attend the international conference which he hoped to arrange for Brussels in 1935.

The Chairman, acknowledging the tribute, specially mentioned the efforts of Messrs. Corfield and Boyes, and also the support he had received from every member of the Executive Committee. The chairman then declared the proceedings of the Conference closed.

CONFERENCE PICTURES
LONDON 1933





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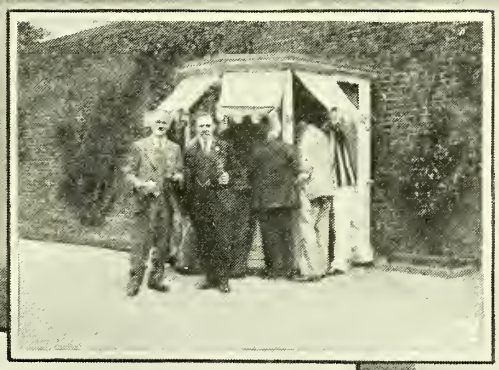

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LONDON 1933

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BRITISH PHARMACEUTICAL CONFERENCE · 1933

Delegates' Meeting

Tuesday, July 25

The following report of the president's statement regarding the Pharmacy and Poisons Act has been officially supplied:—

Statement upon the Pharmacy and Poisons Act

[ABSTRACT]

THE Pharmacy and Poisons Act is now the law of the land, requiring only an Order in Council to bring it into operation. This is an historic moment for pharmacy. We are standing at the end of the road which our craft has followed for ninety years. A new road is opening in front of us, and we are about to take our first steps along it. What will be of the greatest importance to us and to the future of pharmacy is the spirit in which we undertake the constructive work of the next few years. Of necessity, the difficulties and the disputes of the last three or four years have left in the minds of some, it may be unpleasant memories, or it may be some sense of grievance. The new Act contains immense possibilities for good. We want to make the most of those possibilities.

Part I

You are probably all familiar in a general way with the main provisions of Part I of the Act. Everyone who wishes his name to remain upon the Register of Chemists and Druggists or of Pharmaceutical Chemists must pay a registration fee each year, which automatically results in his being a member of the Society. Every shop in which a chemist carries on a business, including the sale of drugs, must be registered, and in every such shop a pharmacist must be in charge. There is to be appointed a disciplinary committee consisting of five pharmacists and a legal chairman. This committee is to consider cases of misconduct or conviction for criminal offences on the part of pharmacists and their assistants, and has the power to remove names from the Register and to disqualify shops. There is, of course, provision for appeals. One final matter is an extension of the principles of the old clause which applied to executors to cover trustees in bankruptcy, receivers, and those administering the estate of an insane person. I imagine that there are three matters in Part I of the Bill in which you are particularly interested. They are these:—

First.—The effect of the requirement for the registration of everyone as a member of the Society and particularly the fee to be charged.

Second.—The arrangement for the registration of business premises and the fee likely to be charged.

Third.—The activities of the Statutory Committee.

The first point to notice is that the Act does not compel everybody who is now on the Register to pay this fee but only those who wish to do the things which the Act says can only be done by registered people. When the Act comes into effect, we shall not necessarily find a very large increase in the numbers of members of the Society. There are about 7,000 pharmacists who are not members at the present time, and it by no means follows that anything like that number will automatically come into the Society.

An opportunity presents itself here for me, without breaking the logical sequence of what I am saying, to make a reference to "The Pharmaceutical Journal." I feel certain that among the inducements to such people as those to whom I have referred, to retain their membership of the Society, "The Pharmaceutical Journal" in its new form will not be the least. The sense of unfamiliarity has not yet worn off, and there are bound to be those of you who feel that in comparison with the old Journal there is about the new Journal an absence of decorum—I might almost say a lack of dullness—which you rather resent. But I think that when the first feeling of novelty has gone you will agree that the new Journal does represent that blend of dignity, interest and attractiveness which ought to be characteristic of our official organ. I feel confident that now you have seen the results of their work you will wish to join with me in congratulating the Publications Committee and the staff of the Journal upon what their labours have achieved.

I have indicated that the coming into force of the Act will not mean another 7,000 new members. It may mean 3,000 or 4,000, although even that is only a guess. With the compulsory registration fee there will come a complete change in the constitutional position of the Pharmaceutical Society, and it will obviously be both a difficult and yet an essential part of the duties of the Society's Council to ensure that as little as possible of the enthusiasm characteristic of a voluntary organisation is lost as a result of the change.

The personal registration fee must not exceed £2. How much it will actually be is to be determined by by-law, and that by-law has not only not yet been made but has not yet even been considered by your Council. What are the considerations which must weigh with the Council when they determine this fee and the fee to be paid for the registration of shops? First of all, I would say emphatically that the fee charged must be no more than can be amply justified. There is one circumstance to which I must draw your attention, because it will largely condition our financial outlook during the immediate future. As you know, our property in Bloomsbury Square is held on lease. It is not our own, and we have not been able to buy the freehold. A few years ago we bought a property in Brunswick Square, giving us a site area sufficient to take a building large enough for our present and possible future requirements. It is now our duty to see that on that site pharmacy is provided with the headquarters that it deserves. I am not thinking merely of the inadequacy of our present accommodation, although to anyone familiar with Bloomsbury Square that is most obvious. It is thoroughly unbusinesslike to have the departments of the Society's work housed in various rooms scattered about old buildings never constructed for the carrying out of the work of a large organisation. But I am not thinking only of that. I am thinking of the value to pharmacy of a headquarters of architectural excellence which will stand as a public testimony to the progressive outlook of our calling. I am not thinking of any elaborate or palatial scheme which is merely a pretentious throwing about of money. I merely have in mind such a building as you and I can take pride in pointing out as the outward and visible sign of what pharmacy stands for. I am not in a position to mention definite amounts to-day. The Council have the present membership fee of one guinea and a half as some guide. I cannot say more than that you may be assured that the fee finally fixed will not be a penny more than can be amply justified by the needs, first, of the current expenses of the Society, and, secondly, of the special claims of a new headquarters.

Much of what I have just said applies to the amount which will be charged as the fee for the registration of shops. The Council have not considered what the amount should be, and I am certain that they will approach the problem of fixing it with the intention of making it as small as can be justified by the expenditure which has to be incurred. The income from shop registration is not earmarked in the Act to be used for any special purpose, but in looking round for some principles to guide them in deciding upon the amount, the Council are, I think, bound to have regard, in fixing this fee, to the cost of administering the Act.

The last one of my three points deals with the Statutory Committee. It should first of all be noted that they are not compelled to inquire into every case of an offence under the Pharmacy Acts or of a criminal conviction, and they will, presumably, in drawing up the regulations governing their procedure, define in some way the classes of offence with which they will be concerned. The next thing to notice is that the powers of the Committee are exceptionally wide—"any misconduct which, in their opinion, renders a man unfit to be on the Register." It is true that there is a right of appeal to the High Court, but it must be remembered that the High Court

BRITISH PHARMACEUTICAL CONFERENCE · 1933

will not interfere with the decisions of a tribunal such as the Statutory Committee unless the Committee is wrong in a matter of law. An appeal to the High Court against a decision of the Statutory Committee does not mean a new trial, and the High Court rarely and very reluctantly upset the decision of a Committee such as this. Such things as drunkenness, drug-taking, habitual breaches of contract with an insurance committee, the regular supplying of poisons to those not entitled to sell them are examples of misconduct with which the Statutory Committee might well concern itself. It must be remembered that the Committee is, however, a statutory party, and cannot be used as an instrument for pursuing some policy which, however advantageous it may be to pharmacy, is contrary to the general principles of freedom in trading. I doubt, for example, whether the Statutory Committee could regard as misconduct acts such as the perpetual selling of protected articles at cut prices or the supply of pharmaceutical preparations, not containing poisons, to people other than pharmacists.

Part II

Now let us look at the second part of the Act, which is headed "Poisons." The provisions which it contains are built upon the following basis:—The authority responsible to Parliament is the Secretary of State for Home Affairs. He has the duty of producing the list of poisons and of making the regulations governing transactions in poisons. To assist him there is the Poisons Board, which is an advisory committee containing representatives of the Government departments and of the professional organisations most closely interested in the distribution of poisons. The Poisons Board advises the Home Secretary upon the compositions of the Poisons List, and upon the regulations to be made under the Act. To enforce these regulations provision is made for inspection. Chemists' shops are to be inspected by inspectors appointed by and reporting to the Pharmaceutical Society. The shops of other sellers of poisons are to be inspected by inspectors appointed by local authorities. I imagine that out of this part of the Act there arise three questions, in the answers to which you are all vitally interested. These questions are:—

(1) What will be the scope of the two lists of poisons, the sale of which will be restricted to chemists only and the sale of which will be open to other sellers?

(2) What will be the regulations governing the sale of poisons by chemists?

(3) What will be the powers of the inspectors and how will they exercise them?

It will be obvious to you that the Act so recently become law, with the Poisons Board not yet constituted, and with the regulations not yet drafted in even the most rudimentary fashion, no definite answer can be given to these questions this morning. Under this Act Part I will contain those poisons which may be sold by retail only by chemists. Part II contains those poisons which may be sold by those whose names are on a list kept by a local authority. How are poisons going to be divided as between Part I and Part II in the list? I ask you to imagine that you are the Poisons Board in session and that your business is to decide whether a certain substance which we will call X should be controlled by the Act.

You have obviously three possibilities. You can put it into Part I, you can put it into Part II, or you can leave it out altogether. After hearing the evidence of some of the experts on the Board, and possibly considering reports of poisoning cases, you come to the conclusion that it is in the public interests that this substance should be brought under control. Then you have to decide whether you will put it into Part I or into Part II. You refer to Clause 17 (3) and you ask yourselves these questions:—(1) Is this article in common use for a purpose other than the treatment of human ailments? If your answer is "No," then you will put it into Part I. If your answer is "Yes," you ask yourself the second question. (2) Ought the public to obtain this poison readily? If the answer is "No," then you put the substance into Part I. If the answer is "Yes," then you put it into Part II. But this rough and ready rule is subject to the overriding considerations that, as I have indicated, the subclause serves only as a signpost—if you like, as a recommendation. Difficulties will, of course, arise over the borderline cases, especially over disinfectants. Consideration of the position of these substances in the Poisons List brings us face to face with the general policy to be followed by the Society's representatives upon the Poisons Board.

The Poisons Board

The pharmacists on that Board will, I feel certain, approach their duties as members of an important body discharging functions vitally affecting the health and welfare of the community and the interests of some of the most important industries in this country. The problems of the Board they will, I am sure, approach as public men dealing with problems of the broadest public importance. It is a paradox, but I feel that it is true to say that the more our representatives ignore the special interests of pharmacy and the more they are prepared to place their expert knowledge at the disposal of the Board for the elucidation of whatever problem the Board may be concerned with, whether pharmaceutical or not, the better will they be serving the real interests of pharmacy.

In answering the question of what substances are likely to be placed in the Poisons List, I have to some extent answered the two other questions I put, but there is a little more to be said on both of them. The second question was: What will be the regulations governing the sale of poisons by chemists? Again the answer must be "I do not know," but again I am prepared to make a few broad guesses. First of all, I do not think that such changes as will be made will seriously alter the present conditions observed by the chemist in business. Almost certainly the barbituric acid group of chemicals and some other hypnotics will be controlled in such a way that they can only be supplied upon a medical prescription. Probably the sale of some of those poisons which are now in Part I of the Schedule will be simplified by the operation of the provision whereby a purchaser may be certified by, for example, a chief officer of police, as a person to whom such a poison may be sold. There will certainly be changes in the conditions governing the storage and labelling of poisons. These changes will probably be less changes in the requirements than changes consequent upon their more careful enforcement.

This brings me to the question of the inspectors. It will, of course, be largely their responsibility to see that the provisions of the Act, so far as they relate to chemists' shops, are observed. It is my view that, in spite of their name, it is scarcely the primary duty of the inspectors to inspect. They will not be fulfilling their functions in the most ample way if they adopt what, without disrespect, I may call the police method.

I will end my remarks as I began, with a plea for unity in pharmacy. The passing of the Act was not a goal, it was only a milestone—the beginning of a long period of constructive work. To that work your Council have now to bend all their energies. They call upon you as delegates, and through you, upon every member of the Society, to take a share in this work. There is bound to be some friction, there are bound to be mistakes made in the early days when we are starting, but our task can be made immeasurably easier if you realise and make allowances for the difficulties with which we are going to be faced. Above all it will mean that if we can be free from meetings, resolutions, correspondence, and dealing with regrets or with criticisms of the past, we shall be the better able at headquarters to turn all our energies to the working out of the new problems. Here and now I pledge myself as president, and I pledge your Council, to spare no efforts to make the development which must follow the passing of the Act a great piece of constructive work for pharmacy; in the same spirit I confidently call upon you and upon my fellow pharmacists throughout Great Britain to support those efforts loyally and whole-heartedly.

CONFERENCE PICTURES

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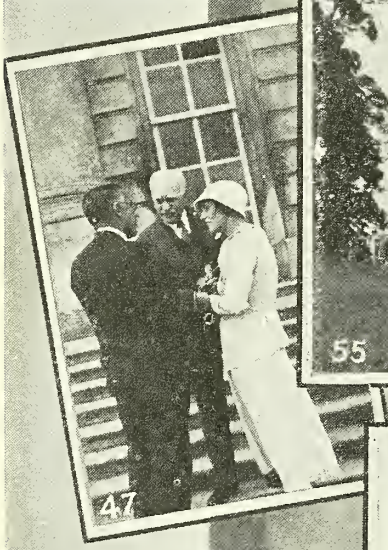
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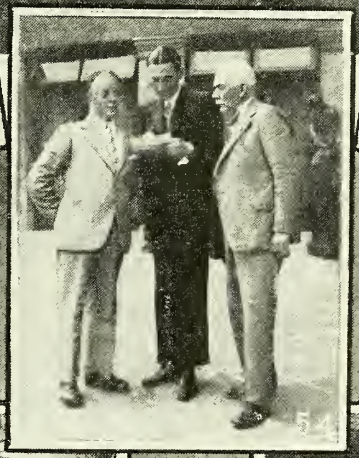

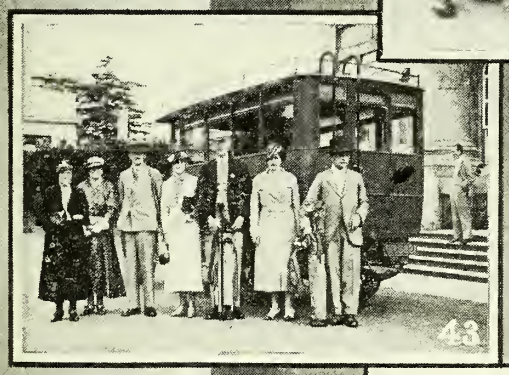

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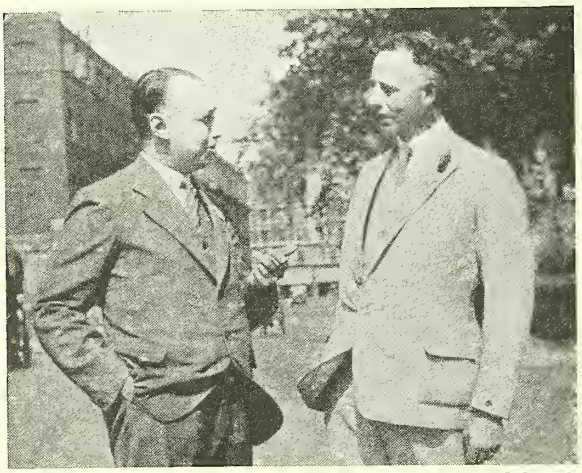
BRITISH PHARMACEUTICAL CONFERENCE 1933

Social Echoes

On Wednesday evening an assemblage almost as large as at the banquet foregathered in the ballroom at the Grosvenor, and (in spite of the heat) dancing was energetically pursued. The ballroom was air-cooled and really not so oppressive as might have been anticipated from the heat of the day. At 9.30 a "light dinner" (but not too light) was served in the Ice Rink, and the



Photo] [*Cleworth*

PROFESSOR D. VAN OS (GRONIGEN) AND MR. T. POTJEWIJD (LEIDEN).

company then returned to the ballroom to resume—and incidentally to applaud—some speciality dancing. An entertainment of a characteristic sort was given by the famous radio stars Elsie and Doris Waters.

* * * *

Their success was accentuated by comparison with the cabaret on following evening, which did not apparently appeal to many, if we may judge by the comments heard afterwards. The way of the entertainments organiser is always hard (as Mr. Marns would be the first to acknowledge). He had many tastes to cater for, but as a whole the result was highly pleasing to the majority. After the cabaret on Thursday evening the chairman of the Conference and Mr. J. H. Franklin extolled the efforts of the Local Committee—as well they might. The local chairman (Mr. Melhuish), in reply, enumerated the excellent work done by Mrs. Keall, Mrs. Corfield (and the ladies' committee generally), Messrs. George Tocher, Arthur Mortimer, W. J. Beardsley, H. N. Linstead, T. Marns, H. Skinner and C. A. Noble. This he did, after each of those mentioned (with the exception of Mrs. Corfield) had been presented with a memento of the occasion, the presentations being made by Mrs. Hampshire. At her own special request Mrs. Corfield was excluded from the presentation list, but Mrs. Hampshire begged leave to make her a personal gift, and this action was enthusiastically endorsed by the Conferencers.

* * * *

It has been said that only those who go on a Conference excursion are interested in reading the report of the excursion, but in the case of last Thursday's trip those who did not go ought to be interested. The motor-coach journey from Grosvenor Square to Richmond was one of considerable attraction to the provincial members of the Conference. Alighting at Richmond Green the 500 or more visitors walked down to the landing stage. Here they joined the boats which took them to Hampton Court. It was a hot and thirsty day, and the hour and a quarter spent on the boat, enjoyable as it was, made the thirst more intense. Lunch was served in the Tilt Yard, but it was an unfortunate thing that over 400 visitors should arrive in the space of a few minutes, all of them demanding liquid refreshment.

* * * *

After lunch the party was divided into three sections. Guides were there to escort the visitors, who had opportunities of walking through the old-world gardens and seeing the grape vine. The fountains were playing in Fountain Court, and the lily pond and flowers bloomed in profusion. The knot garden, as its name implies, consists of various types of knots which appear to be tied, made from sweet-smelling herbs among which the chemist could recognise lavender, rosemary, rue, thyme and box. Some of the visitors must have thought, with their minds on the Conference which was drawing to a close, "There's rosemary—that's for remembrance." The Great Hall with its beautiful stained glass windows was much admired. The kitchens also were of particular interest, especially to chemists.

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The architecture of the Palace is of two different periods, being built partly in the days of Cardinal Wolsey and partly in the time of William III. The water supply, we were informed, is the same that was started originally by Cardinal Wolsey. Regulations were made by him with regard to cleanliness, particularly in the kitchens and courtyards. After the Palace and grounds had been visited, a smart shower hurried people back to the tea room. In due time the coaches were there to take the party back to Grosvenor House after an excursion that was delightful in its setting and full of historic associations and pharmaceutical interest. The conveyance of the visitors to and from Hampton Court, and the tours of inspection through the Palace and Grounds, were in the hands of Mr. G. A. Mallinson, who was assisted by Mr. G. A. Tocher and a battalion of stewards.

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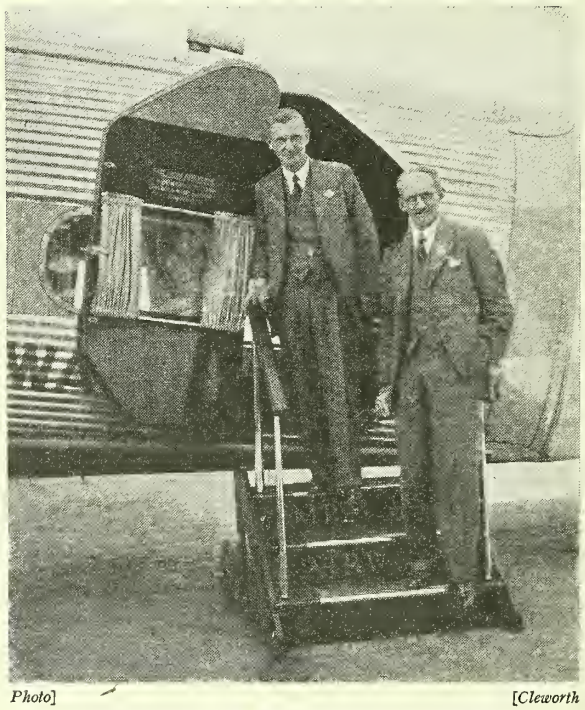
The lower temperature prevailing on Sports Day afforded a welcome relief from a week of oppressive heat;



Photo] [*Cleworth*

MR. DEACON AND MR. SIMMONS LEAVING AN AIR-LINER

BRITISH PHARMACEUTICAL CONFERENCE · 1933

and at Moor Park, one of the beauty spots of rural England, Conference visitors spent a thoroughly enjoyable day. In spite of counter-attractions 161 members sat down to luncheon in the Country Club. Several ladies visited the Ovaltine chicken farm at Kings Langley in the afternoon. Players in the various sports numbered over 100, which is probably a record. Had other members of the Conference visualised Moor Park on a perfect summer's day the Sports Committee might have been overwhelmed, but as it was the crowd was easily handled and given plenty to see or do. The major sport was golf, and for this there were three tournaments, that for the ladies being separately run. The Edmund White trophy (sometimes called the "Conference cup") and the open tournament for day visitors were played off on the high course, usually reserved for "tigers" in the competitions. Scores were high and the returns were mostly in harmony with what is known as "Conference" golf. The Edmund White trophy was won by Mr. E. A. Geddes with 75 net, and Mr. F. G. Wells captured the London Chemists' Golfing Society cup with 76 net. The winners of other prizes were Mr. A. J. Espley 77, and Mr. W. E. Cane and Mr. L. N. Hensman with 78 each, as an extra prize was included. The ladies' tournament was played off on the West Course, which, owing to its undulating character, requires Alpine abilities to conquer the difficulties. The two most successful players who climbed the hills and won through were Mrs. H. Davis with a net score of 76, the winner of the first prize, and Mrs. J. Downing, net 83, winner of the second.

Photo] [*Cleworth*

VISITORS AT CROYDON WATCHING A FLIGHT

There were forty-two gentlemen in the tournament and eight ladies, which certainly was good. The chief organising steward was Mr. W. Main, and Messrs. Gray, Davis, and Cane acted as assistants.

* * * *

Tennis: The entries were not so many, and the steward was Mr. W. E. Swanston, who was assisted by Mr. Horace Wright. The competition had to be run on American tournament lines, the number of ladies far exceeding that of gentlemen. The winners of the prizes were (1) Mrs. Lester and (2) Miss J. Cooke, while Mr. Horace Wright won the gentlemen's prize.

Putting: This was under the guiding hand of Mr. G. F. Weiss, and as the hilly tract was apparently only constructed for artists and skilful putters the scores ran to mammoth figures; two players, however, were good enough to overcome the difficulties, Mr. J. F. McNeal with a score of 48 and Mrs. Gray with a score of 50 for the eighteen holes.

Bowls: The bowlers had to be provided with transport facilities, as the competition was played on the Herts bowling greens at Watford; the steward was Mr. J. Reed. The singles knock-out tournament resulted in Mr. J. Milner securing first prize and Mr. Scholes second. The London challenge cup for international bowls (twenty-one ends) was played off in the afternoon. England was represented by Messrs. Hocken, Reed, Downing and Dow (skip); Scotland by Messrs. Nesbitt, Ritchie Brown, Tainsh and Culbert (skip). The play was a ding-dong affair until the nineteenth end, where the score was England 17, Scotland 14. From that point Scotland

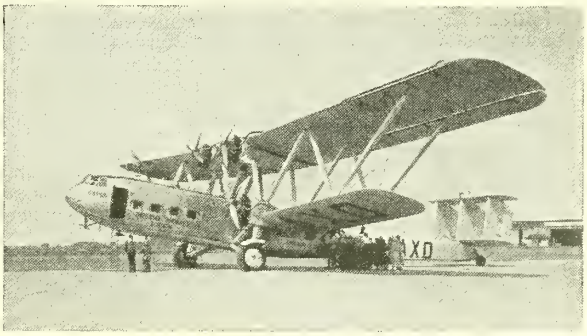
Photo] [*Cleworth*

AT CROYDON AERODROME: A FLIGHT EXPLAINED

failed to score again and England ran out winners by 20 to 14, and thus became holders for the second year in succession. Prizes were presented by Mrs. Keall (wife of the president of the Society) at the smoking concert at Grosvenor House. A mystery prize was awarded, as recorded in the next paragraph.

* * * *

The smoking concert on Friday evening was a jolly affair in spite of the general regret that the end of the London Conference had come. There was an exceptionally large attendance for such an occasion, and the entertainment provided was so good that "Auld Lang Syne" was kept off as long as possible. The musical items were high-class, the singers being Mr. Henry Wendon and Miss Dorothy Clark. Miss Raie da Costa provided items of her own (and other composers) on the piano and astonished by her virtuosity. Mr. Norman Long was himself, with his smile, his stories and his piano, while the crux of the entertainment was reached with the advent of the inimitable Mr. Gillie Potter. As usual Mr. Potter was equal to the occasion with his topicalities, and his frequent reference (with obeisance) to "your esteemed organiser Mr. Tommy Marns" delighted the audience hugely. In the course of the evening the sports prizes were presented by Mrs. Keall. A surprise item was the presentation to Mr. Herbert Skinner (the Sports Day Organiser) of a crystal carafe and glasses. In making the presentation Mr. Melhuish adroitly referred to the



Photo] [*Cleworth*

PARTY BOARDING AIR LINER AT CROYDON

"happy event" about to take place in Mr. Skinner's life, and brought Miss Claremont into the picture and the presentation. There was much reminiscencing in the Grosvenor Lounge afterwards, so that the last of the

BRITISH PHARMACEUTICAL CONFERENCE · 1933

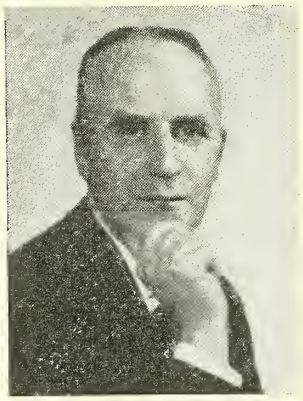
Conferences did not break up until the early hours of Saturday morning.

* * * *

The London Press gave more space to the proceedings of the Conference than on any previous occasion, so far as we are aware. Evidently an impression had been made in those unimpressionable quarters—partly, perhaps, by good organisation, partly, no doubt, by the names of the distinguished guests attending the banquet, and to some extent, let us hope, by the intrinsic public interest of the speeches and papers.

* * * *

On Friday a party of fifty from the Conference visited the Ovaltine factory and farms at King's Langley, Herts. They were received by the managing director of A. Wander, Ltd., Sir Harry Hague, and the works manager, Mr. Knight, who conducted the party round. Some of the visitors were possibly not aware that Sir Harry Hague, a munificent contributor to the Pharmaceutical Society's Benevolent Fund, is a pharmacist, and that before joining the staff of A. Wander, Ltd., in 1910, he had considerable experience in retail business as well as in manufacturing processes. Many of the delegates expressed surprise at the ideal situation of the factory, which is set amid beautiful country and is surrounded by its own well-planned gardens—now gay with summer flowers—and fresh green lawns. The building has a floor space of more than 250,000 square feet. The visitors were much impressed with the perfect organisation, the spotless cleanliness and hygienic efficiency prevailing throughout the factory. One lady visitor was heard to remark that she kept her own house very clean, but after seeing the "Ovaltine" factory she realised that there was considerably more cleaning that could be done at home. Much of the scientific apparatus, as well as the many wonderful machines, proved to be of absorbing interest. Several of these machines, as related in our Special Issue of June 24, were invented by Messrs. Wander's own engineers.



Photo] [*Dorothy Wilding*

SIR HARRY HAGUE

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From the factory the party was conducted to the Ovaltine egg farm and dairy farm which are situated near by. The electrically controlled incubator, the pullet houses glazed with vita glass, the "sun-parlours" for hens, and the six avenues of houses extending for a mile over the hillside were some of the features of this model egg farm which aroused the enthusiastic comments of the delegates. Time proved all too short to enable the visitors to see as much of the dairy farm as they could wish. Everyone was impressed with the architectural beauty of the farm buildings and with the obvious fitness and contentment of the herd of renowned Jersey cows. Particular interest was displayed in the cows which have recently secured high awards at leading agricultural shows.

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Mr. Cleworth's Photographs

The following is a list of the photographs taken by Mr. John Cleworth in connection with this meeting of the Conference:—

1. *Mr. H. M. Dugan and Mr. R. I. Edwards (president of the Pharmaceutical Society of Northern Ireland).*
2. *Left to right: Mr. P. Brooke Kelly (president of the Pharmaceutical Society of Ireland), Mr. John Keall (president of the Pharmaceutical Society of Great Britain), Mr. V. Van Itallie, Dr. J. J. Hofman.*
3. *Lady visitors leaving the Society's headquarters.*
4. *Prominent women pharmacists.*
5. *Left to right: Mr. J. E. Connor, Mr. and Mrs. J. Reid (S. Africa), Mr. M. L. Daniels, Mr. Peter Irvine.*
6. *Mr. R. I. Edwards with three colleagues.*
7. Mrs. H. B. Mackie and Mrs. G. A. Tocher.
8. *Prof. D. van Os and Mr. T. Potjewijd.*
9. *Left to right: Messrs. Rowsell, Naylor, Peck.*
10. *Mr. Brooke Kelly (right) and Dr. Hofman patronise a flower seller.*
11. *Visitors at Croydon watching a flight.*
12. *At Croydon Aerodrome: a flight explained.*
13. *Party boarding air liner at Croydon.*
14. *Mr. Deacon and Mr. Simmons leaving an air liner.*
15. Mr. W. A. H. Naylor (senior vice-president).

16, 17. Lady visitors leaving the headquarters.

18. Lady visitors with Mr. R. R. Bennett.

19, 20. At Croydon Aerodrome: a flight explained.

21. Watching a flight at Croydon.
22. Group at Croydon Aerodrome.
23. A 38-seater air liner.
24. In the gardens at Hampton Court.
25. Merriment on the Thames.

26, 27. Boarding steamers at Richmond.

28, 29. Boarding steamers at Richmond.

30. Motor coaches at Richmond.

30A, 31. Refreshment at Hampton Court.

32, 33, 34. Groups at Hampton Court.

35. Manchester and district visitors at Hampton Court.

36. Mr. and Mrs. A. Proctor Atkinson.

37. Mr. J. H. Gough (right) and Mr. G. C. Crummack.

37A. Mr. J. H. Gough (left) and Mr. G. C. Crummack.

38. Mr. F. G. Wells (left) and Mr. G. A. Mallinson.

39. Mr. F. G. Wells (right) and Mr. W. E. Swanston.

40. Three well-known lady visitors.

41. Left to right: Messrs. Wells, Neathercoat, Melhuish.

42. Ladies leaving Moor Park.

43. Bus arriving at Moor Park.

44. Dr. and Mrs. C. H. Hampshire.

45. Mr. and Mrs. F. G. Wells (right) and Mr. Swanston.

46. Ladies at Moor Park.

47. Left to right: Mr. C. A. Noble, Mrs. A. R. Melhuish, Mrs. Corfield.

48. Left to right: Mr. Marns, Dr. Hampshire, Mr. Keall, Mr. Lawman.

49. Mr. E. A. Geddes.

50. Left to right: Messrs. J. H. Franklin, J. C. Young, T. Miller, G. A. Mallinson.

51. Competitors in bowling competitions.

52. Competitors in the tennis section.

53. Messrs. Davies and Phillipson at Moor Park.

54. Left to right: Dr. J. Tait, Dr. Mair (St. Andrews), Mr. W. Mair (Edinburgh).

55. The Club House, Moor Park.

Those reproduced in this or the preceding issue are indicated by italic type. Copies of the photographs (postcard size) may be obtained at 6d. each (postage extra) from Mr. John Cleworth, 56 Ducie Street, Oxford Road, Manchester. They should be ordered by the number given.

Wills

MR. EUGENE HERBERT NICOLL, Cannon Hill, Kenilworth Road, Coventry, at one time a director of Baiss Brothers & Co., Ltd., manufacturing chemists, who died on May 14 last, aged seventy, left estate gross value £3,497, with net personalty £3,389.

MR. NORMAN GEORGE BLACKWELL, B.Sc., 6 Belle Walk, Moseley, Birmingham, director and secretary of Blackwell, Hayes & Co., Ltd., manufacturing chemists, Moor Street, who died on March 2 last, aged forty-eight, left estate gross value £14,358, with net personalty £14,312.

MR. ERNEST MILBURN WHITING, 6 Broad Street and Hesselton, Barton Road, both in Hereford, chemist and druggist, managing director of Chave & Jackson, Ltd., chemists, 6 and 7 Broad Street, Hereford, who died on February 17 last, left estate gross value £20,636, with net personalty £13,587.

National Pharmaceutical Union

Executive Meetings

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4 and 5 Queen Square, London, W.C.1, on July 24, Mr. P. F. Rowsell in the chair.

ANNUAL CONFERENCE

The Executive decided to hold the annual conference of representatives from branches of the Union on November 29.

WHOLESALERS AND RETAILERS

A proposal was received and adopted, subject to agreement on the part of the Wholesale Drug Trade Association, that a standing joint committee of the Wholesale Drug Trade Association and the N.P.U. should be established to discuss any matters affecting members of both bodies.

PHARMACY AND POISONS ACT, 1933

The Executive received a report from the secretary (Mr. Mallinson) that he had been appointed a member of the Poisons Board. After further consideration of the constitution of the Poisons Board, the Executive decided to make representations to the Home Office that if and when the three additional members of the Board were appointed by the Home Secretary, the Union should claim direct representation for retail pharmacists as represented by the N.P.U.

The Executive considered carefully the effect on the retail trade of the introduction of the Act, and decided that in view of their special position as representatives of retail chemists they should communicate with the Pharmaceutical Society, asking that before any decision was arrived at regarding the registration fees to be paid by retail chemists and the conditions under which the inspectors of the shops were to be appointed, the Council of the Society should appoint representatives to consult with representatives of the Union.

EXAMINATION IN BUSINESS METHODS

The prize examination in connection with "Business Methods for Chemists" was held on June 28, and the Executive received the report of the examiners, who awarded the first prize (£10 10s.) to Mr. P. R. Hughes, London; second prize (£5 5s.) to Mr. F. D. S. Smith, Hereford; and the three third prizes of £1 1s. each to Mr. L. Penney (London), Mr. H. Winslow (Nelson, Lancs.), and Mr. W. Tebay (Ambleside).

PUBLICITY ASSOCIATION

The Publicity Committee reported that there was a steady stream of support for the Association, and they were definitely able to recommend the establishment of the Association and expected to have sufficient support by the end of September to commence operations during the autumn. The Committee emphasised the fact that they were a considerable amount short of the figure they had fixed for themselves; and that while they had sufficient support to justify the commencement of the Association and the carrying out of a campaign of publicity, they were not satisfied with the response that the majority of chemists had given to their appeal.

C.D.A. Matters

The secretary reported that there were ten cases outstanding since the last meeting of the Committee, two of which might be considered closed, and four had been settled as follows:—Hair damaged by hair dye; claim settled by payment of £20. Illness caused by ammonia supplied for gripe water; claim settled by payment of £110. Injuries caused by cycling errand-boy; claim settled by payment of £22 12s. Injuries caused by guttering falling from member's roof; claim settled by payment of £22 7s. Twelve new cases had arisen during the month, and the following settlements had been effected in eleven of these:—Injuries and damage to clothing caused by ignition of pot. chlor. pellets; claim settled by payment of £5. Illness caused by safrol supplied for saffron; claim settled by payment of £1 1s. Damage to clothing caused by leaking bottle of paraffin; claim settled by payment of £5. Lost camera; claim settled by payment of 12s. 6d. Damage to clothing caused by packing-case (two cases); claim settled by payment of 6s. 9d. and £1 1s. respectively. Damage to dustman's clothing caused by bottle of liquid left in dustbin; claim settled by payment of 10s. 6d. Lost negatives; claim settled by payment of 7s. 5d. Damage caused by cycling errand-boy (two cases); claims settled by payment of £1 10s. 6d. and £1 15s. respectively. Fountain pen lost while left for repairs; claim settled by payment of 16s. 3d.

Proprietary Articles Trade Association

Council Meeting

THE quarterly meeting of the Council of the Proprietary Articles Trade Association was held in London on July 13, the president (Mr. W. L. Edwards) in the chair.

Before the formal business was commenced, THE PRESIDENT mentioned that the Council had hoped to have with them at the meeting, as the guest of honour, Mr. D. M. Jamieson, president of the Associated Pharmaceutical Societies of South Africa, who was on a visit to this country. Unfortunately, Mr. Jamieson had been taken ill while on holiday in Scotland and was thus unable to attend the meeting. The president also referred to the honours recently conferred on two past-presidents of the P.A.T.A., Mr. John Keall and Mr. Philip F. Rowsell, the first of whom had been elected president of the Pharmaceutical Society, and the latter chairman of the National Pharmaceutical Union.

THE STOP LIST

On a report from the Executive Committee on supplies to stop-listed traders, MR. ROWSELL said that chemists in many areas were suffering from the cut-throat competition of traders, who not only sold popular price-protected articles at "cut" prices, but also "cut" the prices of drugs and pharmaceutical products, which they were not qualified by training or examination to handle. He thought it would be the overwhelming view of the retail members of the P.A.T.A. that firms who accepted business from stop-listed traders should be made to understand that they must be prepared to lose a considerable amount of business from retail chemists.

STAFF CLUB AND CANTEEN TRADING

The Council endorsed the recommendation of the Executive Committee that manufacturers and wholesale distributors of P.A.T.A. goods should be required not to supply the staff-buying organisations in banks, insurance offices, telephone exchanges and similar concerns, unless agreement not to re-sell at prices below the minimum retail prices had been obtained. Similarly, manufacturers and wholesalers should be required not to supply employee organisations, clubs or canteens in Government, municipal or county council offices and similar bodies, unless agreement not to re-sell at prices less than the minimum retail prices had been obtained. In order that the policy of restricting supplies to staff clubs, etc., should be made as effective as possible the Council decided that they would seek the co-operation of the Fair Trading Congress in dealing with this matter.

GIFT COUPON SCHEMES

The Council endorsed the Executive Committee's action in associating the P.A.T.A. with the Fair Trading Congress in opposition to gift coupon schemes.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, August 3

THE general feeling in the markets is fairly steady despite the fact that business has been rather less this week. A definite feature is the strength of most shipment markets, which, in many instances, are well over the ruling spot figure. There has been weakness in some American quotations, but this is fully balanced by the further recovery in the dollar. Business in pharmaceutical chemicals has been on the usual scale and prices generally are at former figures. There is a fair amount of interest being taken in crude drugs, although business at the moment is on the quiet side. Curaçao aloes are dearer for shipment. New crop Belgian chamomiles are now offering. Norwegian cod-liver oil is easier for shipment. Spanish ergot is much dearer for shipment of new crop. Gelatin is nominal, owing to the unexpected imposition of a heavy import duty. Ginger is firm. Hydrastis is firm for shipment at an advance. Ipecacuanha is dull on spot. Sarsaparilla has been in better demand. Senega is again dearer for shipment of new crop root. Tragacanth is fully steady but rather quieter. The volume of business being done in essential oils is only moderate, but, in most directions, the markets are steady. Bergamot is again dearer for shipment of new crop oil. Cananga is firm with practically nothing offering for shipment. American cedarwood is dearer forward. Java citronella is dull and easier. Sicilian hand-pressed lemon tends to improve on a steadier shipment market. Japanese peppermint is very dull and the American natural oil is somewhat easier.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	Aug. 3	Value of the £
Amsterdam ..	Fl. to £	12·107	8·22	13/7
Berlin	Mks. to £	20·43	13·92½	13/7¾
Brussels ..	Belgas to £	35	23·77½	13/7
Copenhagen ..	Kr. to £	18·159	22·40	24/8
Lisbon	Esc. to £	110	110	20/–
Madrid ..	Ptas. to £	25·22½	39¾	31/6½
Milan	Lire to £	92·46	63⅛	13/7¾
Montreal ..	Dol. to £	4·86⅝	4·79	19/8
New York ..	Dol. to £	nominal	4·53¼	18/7
Oslo	Kr. to £	18·159	19·90	21/11
Paris	Fr. to £	124·21	84 23/32	13/7¾
Prague ..	Kr. to £	164·25	112	13/7¾
Stockholm ..	Kr. to £	18·159	19·37½	21/4
Warsaw ..	Zloty to £	43·38	30	13/11¼
Zurich	Fr. to £	25·2215	17·15	13/7½

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A STEADY but rather limited flow of orders of small size continues in this market, and prices as a whole are keeping steady on quotation, but there is price-cutting in some lines.

ACETANILID.—Market is dull, quoted unchanged: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—A moderate business in small quantities, market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7 lb. tins, and higher prices for smaller quantities.

AMIDOPYRIN.—Dealers report market has been dull; their prices are unchanged: crystals, five cwt., 18s. 3d.; two cwt., 18s. 9d.; less than two cwt., 19s. 9d. per lb., with powder 2¼d. per lb. extra.

ASPIRIN.—Quite good business continues in this product, with makers' and dealers' quoted prices steady: home trade: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—Inquiry is of small account, dealers' prices steady: spot, one cwt., 13s.; 56 lb., 13s. 2d.; 14 lb., 13s. 5d.; small parcels, up to 14s. per lb.

BENZOIC ACID (B.P.).—Market is steady with normal business moving: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb, ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of sales prices are unchanged at former rates.

BROMIDES.—A little more inquiry is reported, with makers' and dealers' quoted prices holding: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb. net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Market is steady but quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Business is keeping up on recent better demand, market competitive: pure alkaloid, 5s. to 5s. 3d. per lb.; citrate, 4s. 3d. to 4s. 6d. per lb.

CALCIUM LACTATE.—Quotations are competitive, inquiry is limited: spot, one cwt., 1s. 0¾d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices for home trade are as follows: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—The home trade price quoted by makers is steady at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Business continues on fair scale. Dealers' offers are competitive.

CREAM OF TARTAR.—Makers continue to quote 99 to 100 per cent. material at 80s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers offering at level prices.

CREOSOTE (B.P.).—Dealers report business is slow. Bulk quantities, in 25 kilo demijohns, 1s. 10d.; smaller parcels, up to 2s. 2d. per lb.

FERRI QUININE CITRATE.—Makers' prices are as follows:—

—	100 oz. Per oz.	Less than 100 oz. Per oz.	—	100 oz. Per oz.	Less than 100 oz. Per oz.
100-oz. tins ...	9¼d.	—	8- & 4-oz. bottles	10d.	10½d.
25-oz. tins ...	9½d.	9¾d.	1-oz. bottles ...	11¼d.	11¾d.
16-oz. bottles ...	9¾d.	10¼d.	½-oz. bottles ...	1/2¼	1/2¾

Special prices for larger quantities.

GUAIACOL CARBONATE.—Market is fairly steady, but business is small. Spot, one cwt., 9s. 1d.; 56 lb., 9s. 1½d.; 28 lb., 9s. 3d.; smaller quantities, up to 9s. 6d. per lb.

HEXAMINE.—Home makers' prices are steady: foreign material is not competitive: ten cwt., 1s. 9d.; five cwt., 1s. 9½d.; two cwt., 1s. 10d.; one cwt., 1s. 10½d.; 56 lb., 1s. 11d.; 28 lb., 1s. 11½d.; 14 lb., 2s.; 7 lb., 2s. 0½d. per lb. British rough powder is quoted from 1s. 5d. to 1s. 6½d. per lb., as to quantity. Foreign material to come forward is not competitive.

HYDROQUINONE.—Prices are maintained with a fair inquiry being received: ten cwt., 5s. 7½d.; five cwt., 5s. 8½d.; two cwt., 5s. 9d.; one cwt., 5s. 9½d.; 56 lb., 5s. 10½d.; 28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 6d. per lb., carriage paid.

LACTIC ACID (B.P.).—A fair inquiry with the market competitive: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters or bottles, 1s. 7d. to 1s. 10d. per lb., as to quantity.

LITHIUM SALTS.—There is a firmer tendency here, and prices for these salts (except carbonate) may appreciate.

METHYL SALICYLATE (B.P.).—Quoted prices are unchanged, but business remains poor: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers' prices are about unchanged on spot and slightly dearer forward: two cwt., 19s. 9d.; one cwt., 20s. 4½d.; 56 lb., 21s.; small parcels, 21s. 9d. per lb.

METOL.—Market has been dull; quoted unchanged: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb., in 7-lb. tins, bottles extra. Wholesale distributors' prices for smaller quantities at higher prices.

MILK SUGAR.—Dealers' prices for Continental material are keen: one ton, 52s.; ten cwt., 53s.; two cwt., 54s. per cwt., in two-cwt. cases.

MORPHINE.—Makers' prices are as follows:—

—	Under 5 oz.	5 oz. and over assorted	For 100 oz. assorted contracts over 6 months	For 250 oz. assorted contracts over 6 months
	oz. s. d.	oz. s. d.	oz. s. d.	oz. s. d.
Morphine:				
alkaloid precip.				
meconate	23 2	22 1	21 7	21 1
tartrate (neutral)				
acetate				
hydrochloride powder ...	18 8	17 10	17 4	16 10
sulphate				

Fall clause for contracts of 100 oz. and over.

PARAFORMALDEHYDE.—Market is steady but rather quiet: 100 per cent. powder, quantities in kegs, 1s. 3d.; smaller parcels up to 1s. 8d. per lb.

PHENACETIN.—Business is fairly good, but there are still some cheap sellers on spot: crystals or powder, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—Inquiry is limited, and the market is being discounted in some quarters: crystals, ten cwt., 9s. 10d.; five cwt., 10s.; two cwt., 10s. 3d., and less, 11s. per lb., with powder 2¼d. per lb. extra.

PHENOLPHTHALEIN.—Prices are keeping steady with occasional business being done: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—The market is nominal at the old rates, while the limited business passing is being done at much cheaper prices.

POTASSIUM PERMANGANATE (B.P.).—Dealers' prices are steady, average small business being done: quantities in two-cwt. drums, 8½d. to 8¾d.; druggists' parcels, 9d. to 10d. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Very little inquiry being received. Dealers quote spot from 5s. 9d. to 6s. per lb., as to quantity.

QUININE SALTS.—Convention prices for these salts are unchanged: sulphate, 1s. 10d.; bisulphate, 1s. 10d.; ethyl carbonate, 2s. 4¾d.; salicylate, 2s. 5½d.; phosphate, 2s. 10d.; hydrochloride, 2s. 3¾d.; bihydrochloride, 2s. 6½d.; hydrobromide, 2s. 3¾d.; bihydrobromide, 2s. 6½d. per oz., carriage paid on bulk quantities.

RESORCIN.—Prices quoted for British material are unchanged: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb. Foreign, on spot, 5s. 8d. to 6s. per lb. for small quantities.

ROCHELLE SALTS.—Makers' prices for these salts continue at the reductions notified last week.

SALICYLIC ACID (B.P.).—Home trade prices quoted by makers are unchanged: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

SALOL.—This market remains dull and is easy as quoted: spot, crystals, two cwt., 5s. 9d.; one cwt., 5s. 11d.; 56 lb., 6s.; smaller parcels, 6s. 3d. per lb.; powder, 2d. per lb. extra.

SANTONIN.—We are advised that agreement has not yet been reached as to the new scale of sales prices.

SODIUM BENZOATE (B.P.).—Market is competitive but fairly steady, business slower: one-cwt. lots of B.P., 1932 quality, 1s. 7d.; smaller parcels, up to 1s. 10d. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE.—A moderate business is being done, market steady: spot, one cwt., 13s. 9d.; 56 lb., 14s.; 28 lb., 14s. 3d.; 14 lb., 14s. 6d.; 7 lb., 14s. 9d.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—Quoted prices are unchanged, but the market remains slack: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb., with crystals one penny per lb. extra.

STRYCHNINE SALTS.—Makers' prices are as follows:—

—	Under 16 ozs.	16 ozs.	35 ozs.
	Per oz. s. d.	Per oz. s. d.	Per oz. s. d.
Pure cryst.	2 7	2 5½	2 5
Pure precip.	2 6	2 4½	2 4
Arseniate	2 7	2 5½	2 5
Bisulphate	2 1	1 11½	1 11
Hydrochloride	2 4	2 2½	2 2
Hypophosphite	4 8	4 6½	4 6
Nitrate	2 2	2 0½	2 0
Phosphate	3 0	2 10½	2 10
Sulphate	2 3	2 1½	2 1

25-oz. tins free. Lower prices for contracts, with rise and fall clause.

SULPHONAL.—Dealers' spot prices are steady and forward quotations would be slightly dearer: crystals, two cwt., 15s. 9d.; one cwt., 16s. 4½d.; 56 lb., 16s. 9d.; smaller parcels, up to 18s. per lb., with powder, 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade is steady at 11¾d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at competitive prices. A steady business is reported.

THEOBROMINE.—Keen prices are being quoted against a limited inquiry: pure alkaloid, 5s. to 5s. 6d. per lb.; sodium salicylate, 4s. 10d. to 5s. 3d. per lb., as to quantity.

THYMOL.—Market is dull and easy: synthetic, fine white, one cwt., 5s. 1½d.; 56 lb., 5s. 3d.; 28 lb., 5s. 4½d.; 14 lb., 5s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A moderate inquiry with the market very little disturbed by cheaper sellers: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

ACONITE ROOT.—Importers are expecting arrival of supplies of new crop root in about ten to twelve days' time.

AGAR.—Market remains dull and quoted unchanged; spot, Kobe No. 1, 2s.; No. 2, 1s. 10½d.; Yokohama No. 1, 1s. 10½d. per lb.; shipment, Kobe No. 1, 1s. 9d.; No. 2, 1s. 7½d.; Yokohama No. 1, 1s. 7d. per lb., c.i.f.

ALOES.—Shipment offers of Curaçao have advanced and are firm at 62s. 6d. per cwt.

ANTIMONY.—Market remains dull and about unchanged. Chinese crude, shipment, £18 15s., c.i.f. Chinese oxide, spot, £28; shipment, £25, c.i.f.

BALSAMS.—Business has been subdued, market about steady. *Tolu*, 3s. 2d. to 3s. 3d.; *Canada*, 2s. 9d. per lb. *Capivi* firm and in short supply at 1s. 9d. per lb.

BELLADONNA.—Limited spot supplies of good test root are quoted at 65s. to 66s. per cwt., with lower prices for inferior quality lots. Leaves, 65s. per cwt.

BUCHU.—This market remains dull and at the recently reduced rates. Good green rounds, about 1s.; yellowish to fair, 9d. to 11d.; ovals, 7d. to 8d. per lb., as to quality.

CAMPHOR.—Inquiry remains poor, with spot and forward unchanged on quotation; spot, slabs, 2s. 2d.; flowers, 2s. 3d.; tablets, 2s. 7d. per lb.; shipment, slabs, 1s. 9½d.; flowers, 1s. 10¼d.; tablets, 2s. 1½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz, and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CARDAMOMS.—A fair inquiry with prices fully steady. Mysore, No. 1 bold, from 5s. to 5s. 3d.; medium, 3s. 3d. to 3s. 4d.; small, 1s. 10d. to 2s. 4d. per lb. Splits, from 1s. 8d. to 3s. per lb., as to size.

CASCARA SAGRADA.—Market is steady, but rather quieter. New peel for shipment is about 35s. per cwt., c.i.f., duty paid, in minimum carload lots. Spot, 1932 peel, 62s. 6d.; 1931 peel, 65s. per cwt.

CHAMOMILES.—Reports from Belgium indicate that the new crop flowers are nearly ready, and it is expected that the quantity will be fully normal and of good quality, if the fine weather holds during the next few days. First pickings are being quoted at about 120s. per cwt., but it is expected that values will ease slightly in the course of a few weeks.

CLOVES.—The market has again been dull and values are a point lower. Zanzibar, spot, 5¾d.; shipment, August-October, 4¾d.; October-December, 4⅞d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended July 22 were *nil* and the deliveries 72, leaving a stock of 1,238. From January 1 to date, landings of Zanzibar have been 2,365 and the deliveries 2,597. Landings of Madagascar for the week ended July 22 were *nil*, and the deliveries 6, leaving a stock of 1,046. Landings of Madagascar this year to date have been *nil* and the deliveries 110.

COCOA BUTTER.—Market is rather better this week, with prime English quoted from 9⅜d. to 10¼d. per lb., as to quantity.

COCONUT (DESICCATED).—Prices are being maintained with the market slow. Spot, fine, 19s. 6d.; medium, 19s.; shipment, halves, August, 17s. 3d.; September, 17s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—There has been very little interest in offers of Norwegian for shipment, with finest Lofoten steam-refined non-freezing medicinal oil quoted at 102s. 6d. to 105s. per barrel, c.i.f. Spot, in small lots, from 137s. 6d. per barrel, ex wharf, duty paid. Newfoundland medicinal oil is quoted at 132s. 6d. per barrel, ex store.

ERGOT.—The shipment market for Spanish new crop is at a further advance and is firm at 1s. 7d. to 1s. 7½d. per lb., c.i.f. Spot supplies are firmly held in view of the stronger shipment position.

GELATIN.—The sudden and unexpected substantial increase in the rate of duty payable upon importations has disorganised the market, and we are advised that, for the time being, merchants' prices are nominal.

GENTIAN.—Reports to hand indicate that crop is nearly all collected and that the market is still in short supply.

GINGER.—The market dealing in West African continues firm and is again dearer on spot at from 22s. 6d. per cwt. Jamaican is very steady as quoted from 70s. to 112s. 6d. per cwt., as to quality.

GUM ACACIA.—Business has been unimportant, with quoted prices about maintained; spot, Kordofan cleaned sorts, 35s.; bleached, 70s. per cwt.; shipment, Kordofan cleaned sorts, 32s.; natural, 31s. per cwt., c.i.f.

HALIBUT OIL.—A fair amount of interest is being taken in this product. Quoted at 9s. per kilo. for 220/250 blue units.

HONEY.—Market has been rather quieter, but business has been fair for the time of year. Prices fully steady for all grades at former rates.

HYDRASTIS.—The advance in values recorded last week is well maintained. Spot, in the region of 5s. per lb. and less in some quarters. Shipment is firm at 4s. 6d. per lb., c.i.f.

IPECACUANHA.—This market is very slack and the tone is weak. Matto Grosso, 4s. 7½d. to 4s. 9d. per lb., as to quantity.

MANNA.—New crop is reported to be not yet available.

MENTHOL.—Business shows no improvement in this article; quoted about unchanged. K/S brands, spot, 13s. 9d. and less for bulk quantities; shipment, July-August, 12s. 1½d.; October-December, 12s. per lb., c.i.f., with practically no inquiry.

MERCURY.—Market is reported steady, with rather more inquiry. Spot, £9 2s. 6d. to £9 10s. per bottle; shipment is in the region of £9 per bottle, f.o.b. Continent.

OPIUM.—Market has been quiet, but is about unchanged on quotation. Spot, about 1s. 1d. per unit, landed and duty paid. Shipment from origin is still prohibited.

Istanbul reports that stocks at June 30 totalled 1,600 cases.

PEPPER.—Values for all kinds on spot and forward are easier, with the market dull. Lampoong, spot, 5¼d.; shipment, August-October, 3 15/16d.; October-December, 3 15/16d., c.i.f. Tellicherry, spot, 5¼d.; shipment, August-October, 50s., c.i.f. Aleppy, spot, 5¼d.; shipment, August-October, 48s., c.i.f. White Muntok, spot, 7½d.; shipment, August-October, 6 5/16d.; October-December, 6 5/16d. per lb., c.i.f.

PIMENTO.—The market has been quieter and the tone is not so steady. Spot, 3¼d. per lb.; shipment, July-August, 26s. 6d.; August-September, 27s. per cwt., c.i.f.

PSYLLIUM SEED.—Market is quoted firmer, with shipment for French now at 8½d. per lb., c.i.f.

QUILLAIA BARK.—Some supplies of whole bark on spot are quoted at about 25s. per cwt.

RHUBARB.—A steady inquiry is being received and former prices are being well maintained.

RUBBER.—The commodity value is well down on the week and business has been much quieter. Standard ribbed smoked sheet, spot, 3⅞d.; August, 3⅞d.; September, 3 29/32d.; October-December, 4d.; January-March, 1934, 4 1/16d.; April-June, 4 5/32d. per lb. Closing steadier at better prices.

SAFFRON.—Dealers' prices are steady, with small business passing: spot, prime B.P., 57s. 9d.; extra B.P., 54s.; super B.P., 51s. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—Some nice business in native is reported this week; market is steady: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. to 1s. 10d. per lb., as to quantity.

SEEDS.—ANISE.—Spot, Spanish, 52s. 6d.; Bulgarian, 40s., duty paid. CANARY.—Mazagan, on spot, 15s. (no first-hand sellers); for shipment, 13s. 9d., c.i.f., quoted. LINSEED.—Quiet; Mazagan, 15s., and Morocco, 14s. CORIANDER.—Morocco, 1929 crop, 15s. 6d.; wormey, 12s. 6d. to 13s. 6d.; 1932 crop, 15s. 6d., in bond; new crop for shipment, 13s. 6d., c.i.f. CUMIN.—No Malta offering. Morocco quoted at 55s., spot, and for shipment, 50s., c.i.f. FENUGREEK.—Market quiet; 13s. 6d. quoted spot and shipment 11s., c.i.f. CARAWAY.—Dutch are lower sellers now at 44s., duty paid. MUSTARD.—English, 24s. to 33s. per cwt., according to quality.

SENEGA.—A further advance in the shipment market, which is now firm at 2s. 0½d. per lb., c.i.f., is recorded. There may be spot sellers at about the same figure

SENNA.—This market is dull. Tinnevelly leaves of finer grades are scarce and supplies are not expected till well into September. Alexandrian pods have been of very little interest.

SHELLAC.—Market is dull and values have lost some of the recent improvement: spot, standard TN orange, 63s.; fine orange, 72s. 6d. to 125s.; pure button, 75s. 6d. For delivery, TN, August, 58s. 6d.; Ocotber, 59s.; December, 59s. 6d.; March, 1934, 61s. For arrival August-September, 53s. per cwt., c.i.f.

SQUILL.—Importers state new crop is now in course of shipment: quoted at 22s. 6d. per cwt., c.i.f.

TRAGACANTH.—A limited business is reported in the medium grades and that deliveries ex warehouse during July were substantial. It is anticipated that stocks will show a further decline.

TURMERIC.—Madras finger on spot is fully steady at 23s.; shipment, 19s. 9d. per cwt., c.i.f. Business has been slower.

VALERIAN ROOT.—Available supplies are being offered at about 50s. per cwt., c.i.f. London.

WAX (VARIOUS).—A moderate business is reported in fatty and chalky grey Carnauba, with prices keeping steady. CARNAUBA, fatty grey and chalky grey, 70s. in bond and 64s., c.i.f.; Primeira, 144s. in bond and 128s., c.i.f.; Mediana, 142s. in bond and 127s, c.i.f., nominal. BEES'.—Markets are steady, but rather quiet. Benguela, 97s. 6d.; Abyssinian, 97s. 6d.; Calcutta, 117s. 6d. per cwt., ex store, duty paid.

Essential Oils, etc.

BUSINESS has been rather quiet this week, but the general tone is steady, with most of the shipment markets tending firmer. Bergamot is still advancing for shipment. Cananga is very scarce for shipment. American cedarwood is quoted dearer. Java citronella is dull and again easier. Sicilian hand-pressed lemon is steadier and improving. Japanese peppermint is dull.

ALMOND.—Market is steady, business quieter. English, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb. Foreign, sweet, cwt. lots, 2s. 4d., and up to 2s. 7d. per lb. for small quantities.

ANISE (STAR).—Market is steady but inquiry remains poor: spot, "Red Ship," in leads, 1s. 11d.; in tins, 1s. 9d.; in drums, 1s. 7¾d.; shipment, in leads, 1s. 9½d.; in tins, 1s. 7¾d.; in drums, 1s. 7d. per lb., c.i.f.

BERGAMOT.—The shipment market is distinctly firmer with quotations for genuine new oil now at least 6s. to 6s. 6d. per lb., and some shippers have indicated even higher prices. The market is still moving up. Spot would be about 6s. to 6s. 9d. per lb., as to brand and quantity, and there may be offers at less.

APRICOT KERNEL.—British oil is quoted in cwt. lots at 1s. 4d. to 1s. 6d. per lb. for small quantities.

BOIS DE ROSE.—The shipment market for Brazilian tends to be firmer at 3s. 7d. to 3s. 8d. per lb., c.i.f., in drums. Spot is steady with drums at 4s. and tins at 4s. 3d. per lb.

CAJUPUT.—Market has been neglected. B.P., 1932 quality, 2s. 3d. to 2s. 6d. per lb.; green, 1s. 10½d. to 2s. per lb., as to quantity.

CANANGA.—The shipment market is reported to be bare of supplies with bids in the region of 6s., c.i.f., refused for this reason. Spot is firm at about 7s. 6d. to 7s. 9d. per lb., as to quantity.

CARAWAY.—The market is quoted unchanged, but the tone is not so strong and business is poor. Continental, about 10s. 6d. per lb., spot, with shipment from 9s. per lb., c.i.f.

CASSIA.—Business has not been so good but prices are holding steady. Spot, from 3s. 7½d.; shipment, 3s. in drums and 3s. 1½d. per lb. in leads, c.i.f.

CEDARWOOD.—The Colonial product continues to attract attention at current cheap prices: spot, in drums, 1s. 6d.; in tins, 1s. 8d. per lb. The American product is reported dearer with drums on spot at 1s. 8½d. per lb., the shipment figure having advanced fully five cents, and, at the same time, the dollar has recovered a little.

CINNAMON LEAF.—There is but small interest shown here: spot is quoted from 2s. 9d. to 3s. per lb., as to quantity.

CITRONELLA.—The Ceylon market is fairly steady, but there seems to be little doing: spot, 1s. 11d. for small parcels; shipment, about 1s. 7d. per lb., c.i.f. Java, so far as business with this market is concerned, is dull and again easier with shipment about 1s. 11½d. per lb., c.i.f. Spot, in small parcels, about 2s. 5d. per lb.

CLOVE.—This market is not so strong and inquiry is poor. Madagascar, barely 3s. 9d. per lb. for small lots; shipment, about 3s. 1d. per lb., c.i.f.

EUCALYPTUS.—Some occasional shipment business is being done at steady rates. Australian, 70 to 75 per cent., 11d. to 1s.; 80 to 85 per cent., 1s. to 1s. 1d. per lb., and less for bulk quantities. Spanish is dull; spot, 1s. 2d. per lb.

GERANIUM.—This market is of little interest at the moment. Bourbon, spot, 23s.; shipment, 21s. per lb., c.i.f. Algerian, spot, 23s. 6d. per lb.

JUNIPER BERRY.—A little more inquiry this week, with spot quoted at about 3s. 6d. per lb. and less for bulk quantities.

LAVENDER.—Further reports to hand confirm that new crop prices for shipment will be on a higher level than those of last year.

LEMON.—There is a stronger tone in the shipment market for Sicilian hand-pressed at 3s. 7d. to 4s. per lb., c.i.f., as to brand. Spot is offering at 3s. 9d. to 4s. 3d. per lb., as to brand and quantity. Californian is meeting with fair business; spot, in large drums, 48 cents, and in small drums, 49 cents per lb.

LEMONGRASS.—Much quieter this week; supplies very short and quoted values about unchanged. Spot, in the region of 3s. 5d. to 3s. 6d.; shipment, 3s. 4d. per lb., c.i.f., with practically nothing offering.

LIME.—West Indian on spot has been much quieter; offers for small parcels are now at about 35s. per lb.

MANDARIN.—Market is quoted unchanged and is dull. Spot, 14s. to 15s. per lb., as to quantity and quality.

ORANGE.—This market has been dull, with quotations generally unchanged. Sicilian sweet, spot, 5s. 2d. to 5s. 8d.; shipment, 5s. to 5s. 3d. per lb., as to brand and quantity. Californian is maintained at last week's advance, business quieter. Spot, one case, 61 cents; two or more cases, 56 cents per lb.

PALMAROSA.—Market is dull, quoted unchanged. Spot, 7s. 6d. to 7s. 8d.; shipment, 6s. 10d. per lb., c.i.f.

PATCHOULI.—Market has been quieter and tends to be easier. Spot, 7s. to 7s. 2d. per lb., for small quantities.

PEPPERMINT.—There has been very little interest in the Japanese oil, which is quoted unchanged. Spot, 5s. 4½d. per lb.; shipment, July-August, 5s. 2d.; October-December, 4s. 11d. per lb., c.i.f. The American natural oil, in drums, is reported rather easier, with the new crop coming along; quoted at rather less than 3 dollars per lb., c.i.f.

PETITGRAIN.—The shipment market is slightly better at 3s. 2d. to 3s. 3d. per lb., c.i.f. Spot is steady at 3s. 8d. to 3s. 9d. per lb. French, new crop, offering at 32s. per lb.

ROSEMARY.—The market has been dull. Small parcels of best-quality oil, 1s. 8d. per lb. and less for bulk lots.

SANDALWOOD.—Genuine East Indian from official source is quoted at 20s. per lb. English-made West Indian, one cwt., 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb.

SASSAFRAS.—Values still cover a wide margin, as to quality, from 3s. 8d. to 5s. per lb. Artificial oil at cheaper figures.

SPEARMINT.—A moderate inquiry; market steady. Spot, 8s. 3d. to 8s. 6d.; shipment, about 7s. 3d. per lb., c.i.f.

SPIKE.—This market is not so strong, but prices are being maintained at the recent advance. Shipment, 2s. 10d., c.i.f.; spot, about 3s. 4d. and upwards per lb.

WINTERGREEN.—Dealers are offering spot at about 6s. 9d. to 7s. 3d. per lb., as to quantity.

WORMSEED.—The better tone reported last week is maintained. Shipment, about 9s. 3d. per lb., c.i.f.; spot is offering in the region of 10s. 6d. to 10s. 9d. per lb., as to quantity.

Coal Tar Products, etc.

SOME items in this section show an improvement. Creosote oil has been in good demand and is steadier. Cresylic acid is steady. Toluol and Xylol are dearer and firm. Pitch is dull, as is usual at this season. BENZOL.—Market continues steady and business is quite good: standard motor 90's, 1s. 4½d. to 1s. 5½d. per gallon, in tank wagons, ex works; pure, 1s. 10d. to 2s. per gallon. CARBOLIC ACID CRYSTALS (39° to 40° C.).—Supplies are still rather restricted although small quantities are freely available: quoted from 10d. and upwards per lb., carriage paid or f.o.b. in drums with over-casks; crude 60's, 2s. 10d. to 3s. per gallon. CRESYLIC ACID.—Business is much better and prices are maintained: pale 96 to 100 per cent., 1s. 3d. to 1s. 4d.; dark, 95 per cent., 10d. to 11d.; special qualities, 2s. 1d. to 2s. 4d. per gallon, ex works; American duty-free acid, 1s. 2d. to 1s. 5d. per gallon, f.o.b. CREOSOTE OIL.—There has been a much better demand of late with prices now steadier: bulk quantities, f.o.r. makers' works, South England, 3¾d. to 4¼d. per gallon. KEROSENE.—Market is quoted unchanged: water white, 11d.; standard white, 10d. per gallon, in barrels, delivered London; in bulk, 3d. per gallon less. MOTOR SPIRIT.—National distributors' prices are as follows: No. 1, 1s. 4d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4½d. for Belfast and 1s. 5d. for remainder of Northern Ireland and North Scotland; 1s. 5d. for Irish Free State, with Dublin 1s. 4d. per gallon. No. 3 spirit, 2d. per gallon less, and aviation spirit, 4d. per gallon more in all cases. 1d to 2d. per gallon more in two-gallon tins, as to district. PITCH.—The market is slack, with practically nothing doing in business for next season: quoted at about 77s. 6d. per ton, f.o.b. East Coast, for medium-soft briquette-making quality. SOLVENT NAPHTHAS.—The 90 to 160 material is in fair demand, with the heavy 90 to 190 slack; market slightly easier: 90 to 160, 1s. 4d. to 1s. 5d.; heavy, 90 to 190, 11d. to 1s. per gallon, naked at works. TOLUOL.—Market is very steady; business better: commercial 90's, 2s. 1d. to 2s. 2d.; pure, 2s. 3d. to 2s. 5d. per gallon, ex works, London. XYLOL.—Market is quoted dearer and is very steady: commercial, 2s. to 2s. 2d.; pure, 2s. 3½d. to 2s. 4d. per gallon.

Newfoundland Cod-Liver Oil and Cod Oil

ACCORDING to a report on the economic conditions in Newfoundland, dated April, 1933, issued by the Department of Overseas Trade, the exports of Newfoundland cod-liver oil for the years 1924 to 1932 were as follows:—

Year ending June 30	Imperial Gallons	Value $
1924	41,389	31,462
1925	77,484	76,533
1926	169,645	197,244
1927	276,273	328,123
1928	357,028	448,180
1929	364,239	492,763
1930	163,865	246,434
1931	118,487	120,922
1932	158,538	136,279

The report states that very little oil has been shipped to the United Kingdom during the past year owing to the low prices of foreign oils. The production of cod-liver oil during 1932 was estimated at from 250,000 to 300,000 gallons, practically all of which was exported to foreign markets, principally the United States and Canada. It is understood, states the report, that there were no stocks remaining on hand at the end of the year.

COD OIL.—The production of common cod oil in 1932 was below that of previous years. No surplus stock remained on hand when the 1933 oil came on the market, but the demand was only moderate.

The export figures for the past nine years are:—

Year	Tons	Year	Tons
1923-24	3,239	1928-29	3,181
1924-25	6,171	1929-30	3,190
1925-26	5,145	1930-31	3,625
1926-27	4,860	1931-32	2,521
1927-28	3,384		

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Fathers of Foundlings

SIR,—One hears such a lot about training apprentices, and so little regard is paid to the law of supply and demand, that one is almost compelled to reiterate the cry of "Cheap labour." Outside a limited number of genuine pharmacies, that can be the only excuse for taking apprentices. In these days an office boy is expected to have a matriculation certificate or equivalent. Pharmacy is content with rather less! Assuming, however, that a youth commences his apprenticeship after passing an approved Preliminary examination, what a sad waste of the most precious years of his life! The Preliminary Scientific is an almost purely academic examination, and he is expected to learn something of pharmacy during the day, something of science during his spare time. The result of such muddled training may be read in the examination results. Personally, I would abolish the apprenticeship system. It should not be difficult to arrange a system of teaching within three years (or less) of all (and much more than) any individual pharmacist could teach, and without such a shocking waste of time. What can a man of fifty or sixty teach an apprentice of the new B.P.? A combination of laboratory and hospital training would produce a pharmacist well equipped for his position, and in time all this talk about recognition would be beside the mark. The dead hand of the apprentice master is responsible for a great deal.—Yours, etc.,

AVENIR (18/10).

Gratuitous Services

SIR,—"Free Service" (*C. & D.*, July 29, p. 177) stresses a condition of affairs that is not peculiar to retail pharmacy. If he asks any of the large manufacturing houses they will tell him that a considerable portion of the time of members of the staff is devoted to helping the retail trade in all kinds of ways. Here are a few typical instances from the day's post bag: (1) A foreign prescription is sent. Can this be translated with the information whether the ingredients are the same as in the new B.P.? (2) An irate letter from a chemist in reply to one with the names of several likely candidates for the post of assistant. These are not at all what are required, and he will be obliged if his letter is read again. He wanted a man with West End experience, and why wasn't the name of one sent? (3) From a medical man. He has a set of ointment jars at least 100 years old. Please tell him the approximate value; he understands they are worth about £25. These were taken from one morning's post. Replies are always sent to such queries gladly and as quickly as possible. Sometimes one is thanked, more often not. What is strongly objected to is that such an inquirer often goes elsewhere to save 2d. per lb. on say, tr. iodi mit. or sends his drug orders to a sundries house.—Yours, etc.,

MANUFACTURER (31/7).

"Stunt" Advertising

SIR,—Mr. Routly, writing of the free gift "stunts" which are thrust upon us even when we order half a dozen of a line from a sundries house (*C. & D.*, July 22, p. 112), asks why we tolerate these continued insults? We do so for several reasons. First, because for one pharmacist with Mr. Routly's views (which I share) there are half a dozen more who eagerly accept these schemes and feature them in their windows to get a little catch custom, oblivious of the ultimate effect on our position. Secondly, because the chemist is no longer a necessary factor in the distribution of these goods; indeed, if it were not for the Insurance dispensing the disappearance of most of the chemists' shops would not be noticed by the general public. Thirdly, because large sections of the public demand these free gifts—and an analysis of why they do so may be read in the report of the Committee on the Gift Coupon Bill. It is very difficult for a chemist, especially if he is struggling to keep his takings up, to turn customers of any kind away in these days. In short, my three reasons boil down to one; these schemes are accepted because of the force of competition, and only a unanimous agreement between retailers of all descriptions not to deal in them would make any effectual protest.—Faithfully yours,

REASONS WHY (31/7).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

X. Y. Z. (17/7).—A letter sent in reply to your inquiry has been returned by the Post Office marked "no such number."

B. C. S. (14/68).—SKIN COMPLAINT.—The operator is presumably suffering from metol dermatitis, and the parts affected can be treated with the following:—

Ichthyol,		
Resorcinol,		
Glycerin ...	of each	1 oz.
Zinc oxide	...	½ oz.
Soft paraffin	...	6 oz.

Metol poisoning is caused by an impurity in the chemical, and as a preventive of the complaint the hands should be immersed before, during and after developing operations in a bath made by adding twenty drops of hydrochloric acid to a pint of water. It is advisable that anyone suffering from the poisoning should leave the chemical alone for a time. There is a metol on the market guaranteed free from the impurity referred to above.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

Shop Blinds

T. L. (17/7) would be interested to hear from *C. & D.* readers as to the best way to clean outside shop blinds.

Correspondence Invited

Herr Wilhelm Kuhlenkamp, Steinhäuserstr. 9, Bremen, desires to correspond with a young man (from twenty to twenty-five) in this country with a view to improving his English and his correspondent's German.

Mr. P. H. Reynolds, 12 Donald Street, Whangarei, New Zealand, who was apprenticed to a local chemist in 1932, would like to correspond with an apprentice in England.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," August 15, 1883

August in Pharmacy

Speaking as pharmacists, not as individuals, there is no month so barren of interest as that of August. The schools are closed, and with them the libraries; the learned societies have shut their doors; paint and whitewash usurp the halls of science, and London is a deserted village. Even the hard-working chemist has fled from his daily toil, and the poor journalist has nothing to recount. In the supposed good old times, a fortnight's rest every other year represented the chemist's holiday; there were no Thursday evenings, and Sir John Lubbock's four annual days of grace had not been inaugurated. Things pharmaceutical have changed vastly for the better during the past forty years, and we doubt very much if trade interests have suffered. . . . Let us trust more to ourselves and less to legislation for our future welfare.

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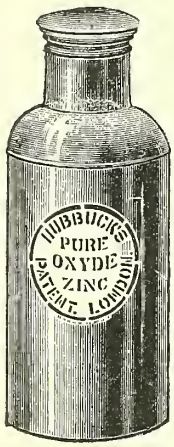

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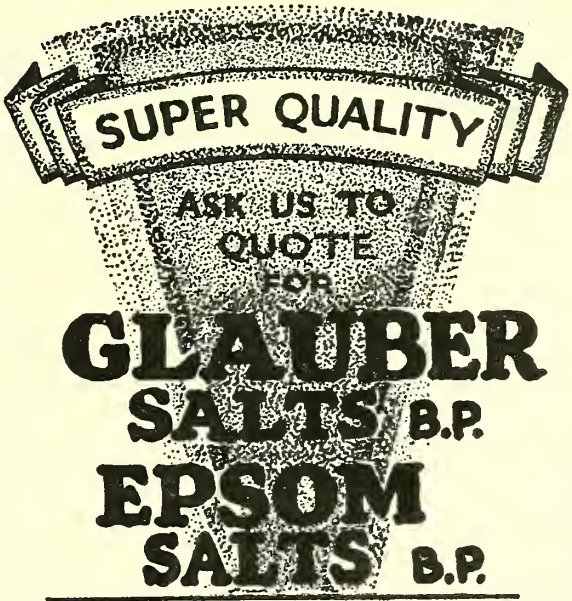

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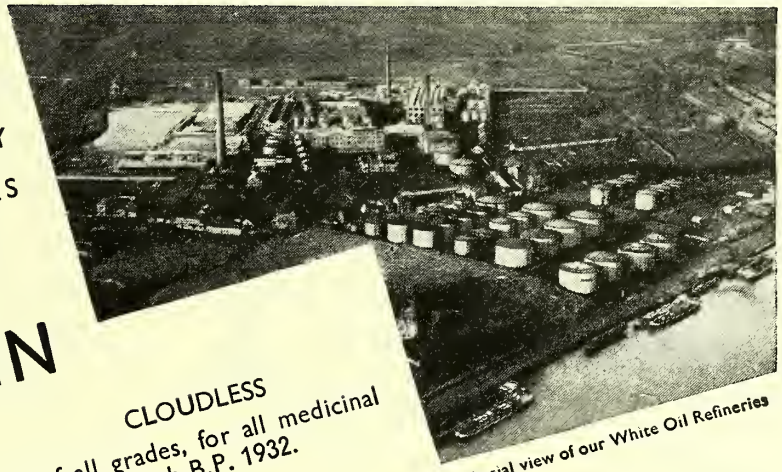
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TELEPHONE: LONDON WALL 7132-7133
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27,093
known Renipas users to date, being 86 more than when we advertised last week. Even in the height of the holiday season we record a steady advance and Renipas buyers are long and steady buyers, not "catch 'em quick and lose 'em quicker."

RENIPAS
Buyers in your district are yours for the taking.
Renipas is stocked by principal Wholesalers such as :—
Barclays, Butler & Crispe, Edwards, May Roberts, Newberys, Sangers, Suttons, (Birmingham) Hedges, (Bristol) Hodders (Derby) Daniels, (Glasgow) Cockburns, (Hull) Lofthouse & Saltmer, (Leeds) Hirst Brooke & Hirst, (Leicester) Butler, St. Dalmas, Wands, (Liverpool) Ayrton Saunders, Evans Lescher & Webb, Sumner, Thompson, (Preston) Barnes & Crompton, (Swansea) Rowland James, (Belfast) McMullan.
International Chemical Association, 69 Fleet St., London, E.C.4

BRAND Okasa TABLETS
THE RECOGNISED LEADING
HORMONE-GLAND Preparation
For the Treatment of all NEURASTHENIC DISORDERS
SILVER FOR MEN — GOLD FOR WOMEN

PRICES: Box containing 35 Tablets - 5/-
" " 75 " - 10/-
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SOLD ALL OVER THE WORLD
SHOWCARDS & WINDOW DISPLAYS AVAILABLE

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Make money whilst the sun shines !
Summer days mean sunburn and midges and insects of all kinds. This means extra business and good profits if you recommend this well advertised line. Apart from its healing and antiseptic properties for abrasions and cuts, etc.
'KOF-OH' BRAND
WONDER
OINTMENT
is splendid for Sunburn and Insect Bites

SPECIAL TERMS
3 doz. less 5%, carriage forward
6 " " 7½%, carriage paid
12 " subject to 10%, packages free

RETAILS AT 4d. COSTS 2/8 DOZ.
Also packed in attractive 1/- pots. Cost 8/- doz.
Free packages and display material.

KOF-OH CO. LTD.
EVERTON, LIVERPOOL

Bleached White B.P.

BEESWAX

Refined Yellow B.P.

POTH, HILLE & CO., LTD.
6 Lloyd's Avenue, London, E.C.3.
Works at Stratford, E.

29
FARRINGDON ST., E.C. 4.

ON AND AFTER JULY 17th
JAMES TOWNSEND & SONS
will have their London Offices
at above address.

NEARLY OPPOSITE
their old Offices, 54,
Farringdon Street.

GARFIELD TEA
FOR CONSTIPATION
PROMPT SHIPMENT
ALL SIZES
'Phone or Write :
GARFIELD TEA CO.
44 Foxbourne Road
BALHAM, LONDON, S.W.17

HARKNESS, BEAUMONT
& CO., LTD.
Wholesale and Export Druggists,
Malt Extract Manufacturers.
JUNCTION BRIDGE WORKS, LEITH.
Manufacturers of all kinds of Malt Products, Lactomaltine, Sunray Malt and Malt and Oil, Strenthol Vitamin Malt, Kem-Malt (Malt Extract with Parrish's Food), Kem-Malt and Oil (Malt and Oil with Parrish's Food), Bonum Irradiated Emulsion, Bonum Cod Liver Oil Emulsion, Sunray Vitamin Cream, Liquid Extract of Malt, Special Liquid Cascara, Cascara Cordial, Sunray and Lucca Cream Olive Oils, and General Packed Specialties.
Telegrams : "Mercury" Edinburgh. *Telephone :* Leith 1326–1328

SEASICKNESS
IS POSITIVELY PREVENTED BY
SEAJOY PLASTER
REGD.
Seajoy Plasters are commanding an ever-increasing demand on account of their efficacy in preventing **all forms** of Travel Sickness.
A Profitable and Quick Seller
Retail Price 3/-. Wholesale 24/- per doz.
From all Wholesale Agents or direct from
The SEAJOY CO. Putney, S.W.15
Telephone - - PUTNEY 0414

CHELTINE STARCH-REDUCED FOODS & FLOURS
revised and prepared under the supervision of an Authority of the highest standing in the Medical Profession, are now advertised regularly in "Punch," "Daily Mail" and many other influential publications, so that Pharmacists can stock them with every confidence. Diet cards, attractive advertising display-matter, booklets, etc., are supplied on request, free, together with the fullest information about Cheltine products.
Cheltine Foods Co., 13 Chester Walk
CHELTENHAM SPA, ENG.
THE TRADE DISCOUNT HAS BEEN INCREASED

D C L BRAND

YEAST

This famous Brand of Yeast is now available for Medicinal use in—

TABLET FORM

60 Tablets 1s. 6d. **120 Tablets 2s. 6d.**

Retail Discount 33⅓%. Wholesale Discount 16⅔%.
All Orders Carriage Paid.

Supplies now available through usual Wholesale channels, and from The United Yeast Co., Ltd., London, Birmingham, Bristol, Leeds, Manchester and Newcastle, or from

THE DISTILLERS CO., LTD.
EDINBURGH

THE USE OF "D.C.L." YEAST WILL PROMOTE BETTER HEALTH AND IS RECOMMENDED FOR IMPROVING THE CONDITION OF THE BLOOD AND FOR THE TREATMENT OF SKIN ERUPTIONS, CONSTIPATION, INDIGESTION AND NERVOUS DISORDERS.

LOSALL'S SALT

Sells freely and readily. PAYS 50% ON OUTLAY

An infallible remedy for

GOUT, RHEUMATISM, ECZEMA and SKIN AFFECTIONS.

P.A.T.A.

4 oz. tins 1/-
8/- doz. net

8 oz. tins 1/9
14/- doz. net

Bottles 2/-
16/- doz. net

Attractive advertising matter supplied on application

SOLD EVERYWHERE

Manufactured by

LOFTHOUSE & SALTMER, Ltd.
HULL

NOTE! FREE YEAST PACKED WITH EACH TIN

YOUR CUSTOMERS can easily make

PURE BEER

AT HOME

FOR 1D PER PINT ALE OR STOUT

FROM

VIGGORMALT

***THE* PURE**
TRIPLE - STRENGTH EXTRACT OF
RICH MALT & HOPS *ONLY*
(NOTE THAT WORD "ONLY")

NO SUGAR OR OTHER ADULTERANT IS ADDED TO MAKE BULK AND CHEAPEN COST

YEAST SUPPLIED FREE WITH EACH TIN

NO MILLING MASHING BOILING OR FILTERING

Simply Add Cold Water

WHY IT PAYS YOU TO STOCK VIGGORMALT

1. BECAUSE it is the only preparation for the making of pure Beer upon which you can stake your reputation.

2. BECAUSE you can recommend it with the knowledge that it contains no substitutes for Malt and Hops, but only the **real thing.**

3. BECAUSE greater sales have decreased overheads per unit, enabling us to offer liberal extra discounts to the dealer!

CARRIAGE PAID ON ALL ORDERS

FULL PARTICULARS OF TRADE TERMS AND ATTRACTIVE DISPLAY MATERIAL SUPPLIED IMMEDIATELY ON REQUEST TO THE VIGGORMALT DISTRIBUTORS:

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Sole Manufacturers:

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ENGLISH DRIED MILK

Enquiries are solicited for the following :—

Full Cream "Dorsella" Dried Milk
Half Cream
Separated "Paragon"
Casumen, Soluble Milk Proteid
Sweet Whey, Crystals or Powder
Kencream for Puppies
Unita (Dorsella and Casumen)

SUPPLIED IN BULK, TINS OR CARTONS

Quotations and samples on request

PRIDEAUX'S, LTD.
MOTCOMBE, SHAFTESBURY, DORSET
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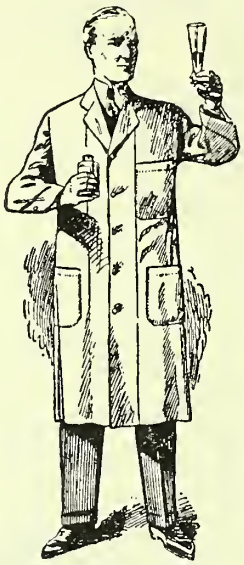
GARDINER

& CO. (*The Scotch House*), LTD.
1, 3, 5 Commercial Road, LONDON, E.1
2 mins. from ALDGATE, 1 min. from ALDGATE EAST STNS.
'Phone: BISHOPSGATE 6751

Overalls made from most reliable materials.
New Price List on application



JACKETS

White Drill ... 4/6, 5/11, 7/11
Khaki ,, ... 8/6, 10/6
Black Poplin 12/6
Grey 8/6

LONG COATS

White Drill
5/11, 7/6, 9/6, 11/6, 12/6
Khaki Drill
5/11, 6/11, 8/6, 9/6, 11/6, 13/6
Grey 7/6, 9/6, 11/6
Black 14/6

DENTISTS' COATS
Stand Collar. Button on Shoulder
White Drill ... 12/6, 14/6, 16/6

SURGEONS' "OPERATING" COATS
White 12/6, 14/6

Women's Coat Overalls, with Belt, White Drill 8/11, 10/6, 12/6

Women's Crossover Overalls, with Belt, White Drill 5/11, 7/11, 10/6

Send chest measure and height.
Special attention to post orders.
Special prices for large quantities.
If no account goods sent C.O.D. (or on approved references).

Hours 9–7. Saturdays 8 o'clock. Thursdays 1 o'clock.

FINEST PURE LOFOTEN
COD LIVER OIL

Trade Mark AA

BRÖDR AARSÆTHER A/S AALESUND, NORWAY

VETERINARY COD LIVER OIL A SPECIALITY

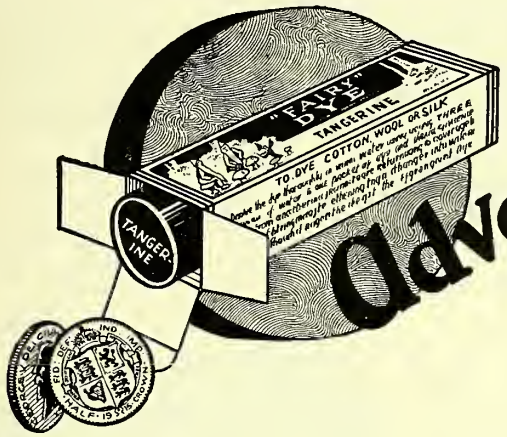
SOLE AGENTS FOR U.K. (EXCEPTING SCOTLAND)
Freudentheil, Smith & Co.
21 MINCING LANE, LONDON, E.C.3
Tel. Add.: "Freudenruf" *Tel. No.:* Royal 6600
STOCKS HELD IN LONDON
AGENT FOR SCOTLAND: ANDREW STEVEN & SON, GLASGOW

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

The Bridge between Making and Taking



Advertised goods yield quick Profits

FAIRY DYES

are big sellers—always in popular demand. They mean quick turnover and liberal profits. Fairy Dyes are forging steadily ahead and you should periodically inspect your stocks.

Retailed at **2d.** per tube—attractively packed. 31 shades and colours.

Be wise—stock

LONDON DEPOT: 292 UPPER ST., ISLINGTON - N. 1

Fairy Dyes

FAIRY DYES, LTD., GLASGOW, N.W.

SOL-VO

REGD

TOILET PAPER

PURE - SOFT - HYGIENIC

(Completely Wrapped)

SELLING AIDS.

A display Showcard and "Personal Hygiene" leaflets with every order.

750 perforations to every roll.

No dirty edges, completely wrapped and sealed.

3 Doz. @ 6/- Doz. 6 Doz. @ 5/9 Doz. 12 Doz. @ 5/3 Doz.

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FORD, SHAPLAND & CO. LTD.

PRINTERS & WHOLESALE STATIONERS,

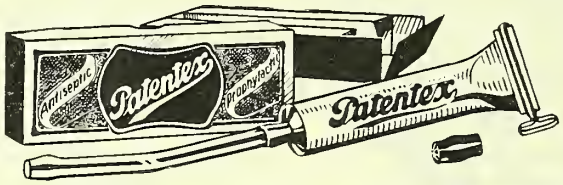
GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.1

Telephone: HOLBORN 4695.

25 Years of Experience and Success

have proved that Patentex is a most hygienic, safe and æsthetical contraceptive. Recommended by medical authorities.

Non-greasy
Disinfectant
Deodorizing
Curative and
Beneficial.



Most simple application.
Excellent Showmatter and Literature.

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Ensure satisfied Customers and good profits by stocking

KAYDOR QUALITY PRODUCTS

KAYDOR Ltd.
Rubber Goods Makers
109 Charlotte St., LONDON, W.1

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to measure we maintain a 24 hour service.

:: BODY BELTS ::
TRUSSES :: SUNDRIES

Write for Catalogue.

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Telephone No.: 75903. Telegrams: SURGICAL, NOTTM.

We supply no one but Chemists and Druggists with
"SAFEGUARD"
Preventives (Rubber Goods)
They are of Highest Quality and Packed Hygienically
Samples and Prices on application
BURGE, WARREN & RIDGLEY, LTD.
91/92 GREAT SAFFRON HILL, E.C.1
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C. & D. Stock-Taking Sheets

Halve the Labour of Taking Stock.
Price of Complete Pad, 2/6 post free.
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- You need only stock the full range of Southall's Sanitary Towels to satisfy the needs of the vast majority of your customers.
- The "ORIGINAL" and most popular.
- The "CELTEX" soluble; easily disposed of.
- The "K." Made entirely of absorbent cotton wool, with very soft cover.
- The "COMPRESSED." For Travelling. A very popular line.

Southall Bros. & Barclay Ltd., B'ham

SOUTHALLS
SANITARY TOWELS

Taylor's

REG.D No. 501079

NEW "SUNSHINE" FACTORY

Hygienic production, always a first consideration in the manufacture of Taylor's Plasters, is now given its widest application in the new Sunshine Factory at Monton Green. Such improved conditions of manufacture must inevitably result in an even greater popularity of Taylor's products.

FREE LIST AND SAMPLES. The 1933 price list, illustrated in full colours, together with samples of the firm's products, will be sent to any pharmacist on request.

The products of Edward Taylor Ltd. are obtainable through all Wholesale Houses.

THE WORD Taylor's REG.D No. 501079 IS A REGISTERED TRADE MARK

EDWARD TAYLOR LTD. :: :: MONTON, ECCLES, LANCASHIRE.

GLASGOW, BIRMINGHAM, LONDON. Established 1847.

6 TOWELS

FAVOURITE SANITARY TOWELS

6 PENCE

The original 6d. packet Brand is now indisputably world famous. Its ever-increasing popularity has enabled us to include an additional Towel.

Towel Makers for 80 years

ARTHUR BERTON, LTD.

"BRITANNIA HOUSE"

256-260 Old Street, London, E.C.1

'Phone: Clerkenwell 1346-7-8-9

'Grams: Aybelim, Finsquare, London

MANCHESTER: 36 Chapel Street 'Phone: Blackfriars 4536

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Best sellers

The public is asking for *ZEAL* CLINICAL THERMOMETERS because they are:-

GUARANTEED TO *STAY* ACCURATE

CONSISTENTLY ADVERTISED

Made by

ZEAL

—the name the public knows.

G. H. ZEAL, LTD., 75 & 77, St. John St., London, E.C.1.

All for Beauty & Better Business—

"the perfect pair"

U.G.B. OPAL GLASS

BRITISH MADE

at our own works, St. Helens, Lancs.
BLOWN and PRESSED

SINCE the beginning of 1933 the U.G.B. have been manufacturing opal pots and jars, in stock and proprietary designs on a very large scale. The glass has the *true brilliant opalescent hue*, so much desired in opal glass manufacture, attained by the application of scientific methods of the U.G.B. technical skill.

KORKALITE caps and metal closures to fit the opal containers, manufactured in our Kork-N-Seal Works, assure avoiding the trouble of misfits. Let us figure on your requirements in stock or private mould designs.

A U.G.B. Product

Telephone: TEMPLE BAR 6680 (10 lines)

Telegrams: "Unglaboman, Estrand, London."

UNITED GLASS BOTTLE MANUFACTURERS · LIMITED

Largest Manufacturers of Glass Bottles in Europe.

40/43 Norfolk Street, Strand, London, W.C. 2.

The
CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is Inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

AUGUST 5, 1933

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—**6/-** for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

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LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3** per nonpareil line (12 lines = 1 inch single column). (Box No., **1/-** extra.)

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EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum **2/-**. (Box No., **1/-** extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2
Telephone: Central 6565 (8 *lines*). *Telegrams: "Chemicus, Estrand, London."*

CLOSING FOR PRESS.

All advertisements intended for insertion in this Supplement must reach us not later than **FIRST POST THURSDAY MORNING**

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4
ESTABLISHED 1846 *Telephone No.: CITY* 2283
May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—BECKENHAM (near).—Main-road General Retail Business situate in excellent position; returns under management last year £2,657; increasing; gross profit £973; double-fronted shop, fitted in mahogany and well stocked; held on lease; price £1,250 or valuation terms entertained; genuine reason for disposal.

2.—PALMERS GREEN.—Good Middle-class Cash Retail Business situate in prominent position in busy main road; small Optical connection which offers scope for increase; returns exceed £2,500 per annum; scope; chartered accountants' figures; double-fronted shop; very nicely fitted and fully stocked; held on lease at reasonable rental; valuation terms entertained.

3.—PICCADILLY (DEATH VACANCY).—High-class Cash Retail Business, with Kodak Agency; established 22 years; returns last year under management £3,348; gross profit £1,356; single-fronted shop, well fitted and fully stocked; rent £300 per annum; held on lease; the executors are anxious to wind up the estate and will accept the first reasonable offer.

4.—STAMFORD HILL.—Family Retail Business, with N.H.I. and Kodak Agency; returns last year £1,425; average net profit £400; corner shop, well fitted and fully stocked; accommodation comprises four bedrooms, &c.; rent, £80; held on lease; price £850.

5.—CROYDON.—Family Cash Retail Business, with Kodak Agency; established about 50 years; returns approximately £1,850 per annum; auditors' figures; net profit £538; double-fronted shop, well fitted and stocked; large house; rent £100; held on long lease; price £1,450.

6.—MITCHAM.—Middle- and Working-class Cash Retail Business, with Kodak Agency and N.H.I.; returns approach £1,400 per annum; scope for increase; double-fronted corner shop, well fitted and stocked; modern house with bathroom; rent £80 per annum, or property could be purchased; price £625 or near offer; genuine reason for disposal.

7.—LONDON, S.E.—Working-class Cash Retail Business, with large N.H.I. Dispensing connection; established about 100 years; returns exceed £2,700 per annum, of which sum over £600 is from N.H.I.; double-fronted corner shop on main road; rent about £50 per annum for shop and house; new lease; price £1,500, or valuation terms entertained.

8.—DURHAM.—Light Retail Business, with Wine Licence and Kodak Agency; established about 36 years; returns last year exceeded £2,200; have been more; double-fronted shop, well fitted and stocked; bungalow with garage available; price £300, plus stock and fixtures at valuation; in all about £1,100.

9.—HANTS COAST.—Progressive Retail Business, with Kodak Agency; returns average £3,000 per annum; scope for increase; double-fronted shop, excellently situated; rent £250; sublets £136; long lease; further details on application.

10.—DEVON.—General Retail Business, with N.H.I. Prescribing and Photographic; returns £1,200 per annum; single-fronted compact shop; good living accommodation; rent and rates approximately £85 per annum; long lease; valuation terms entertained.

11.—BOURNEMOUTH.—General Retail Business, with Kodak and Rexal Agencies; increasing turnover, last year being £2,339; very good profits; large double-fronted shop, well fitted and fully stocked; good living accommodation; a lease will be granted or the property can be purchased; further details on application.

12.—BERKSHIRE.—Middle-class Cash Retail Business, with N.H.I.; situate in progressive town; returns last year under management £2,641; gross profit £968; Attractive corner shop, well fitted and fully stocked; living accommodation; a new lease will be granted at a reasonable rental; price about £700, plus stock and fixtures at valuation.

13.—YORKS (WEST RIDING).—Middle-class Retail Business, with Kodak Agency and Wine Licence; returns approach £1,600 per annum; net profit £372; single-fronted shop, well fitted and fully stocked; rent £35 per annum; price £575, or valuation of stock and fixtures; vendor going abroad.

14.—ESSEX COAST.—Drug and Photographic Store; returns last year £1,879; this year shows an increase; double-fronted shop, well fitted and fully stocked; rent £130 per annum; sublet 12s. 4d. per week; price £400, plus stock and fixtures at valuation.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—ESSEX COAST.—Well-established business in prominent main-road position; turnover £3,800, good profits; 21 years' lease granted, owner retiring; price £2,500 or offer.

2.—HOME COUNTY.—Good Middle-class Cash Retail; turnover exceeds £1,500, increasing; net profit £420; rent £60; modern Pharmacy, well stocked, books audited; price £1,200 or valuation terms.

3.—NORTH LINCS.—Unopposed Country Business; returns £1,500, low expenses; good house, garden and garage; excellent stock, worth £750; price £1,200 or first reasonable offer.

4.—BOURNEMOUTH.—Light Cash Retail, in splendid main-road position; present returns £26 weekly; fine chance for qualified owner; selling on account of family reasons; price £750.

5.—KENT SUBURB.—Good-class Family and Dispensing; returns £1,200, increasing; good house; pleasantly situated; large shop, fully stocked; price £850 or £150 and valuation.

6.—LONDON, N.—Light Family Retail, with good N.H.I.; returns £1,425; gross profits £559; rent £80; good house; corner position; owner retiring; price £850; also others in North London from £500 upwards.

7.—SOUTH LONDON.—Profitable Cash Retail; no N.H.I.; scope for much increase; returns over £800, plus £300 from P.O. attached; large shop, with house attached; 21 years' lease granted; owner retiring; price £750; worth attention.

8.—LONDON, S.W.—High-class Cash Retail, in excellent position; present returns £25 weekly; plenty of scope; attractive shop, well stocked; price £900 or offer.

9.—HERTS (few miles out).—Light Cash Retail, with branch in rapidly growing district; returns average £41 weekly; good profits; low overhead charges; good stock; price £1,150, or £800 without branch.

Businesses Wanted

We have a large number of genuine cash buyers seeking sound businesses in all parts from £750 to £3,000, and cordially invite correspondence. Private register kept.

Estab. 1870. Telephone: Terminus 3574.

EDUCATING THE PUBLIC

One of the most effective pieces of public propaganda on behalf of the chemist is the booklet

THE BUSINESS OF A CHEMIST AND DRUGGIST

It sets forth clearly and concisely the functions of a pharmacist, his training, the restrictions of his trading and other matters of especial interest to the public at the present time.

Supplies of these booklets at the rate of

50 copies for 2/9

are obtainable from :—

THE CHEMIST AND DRUGGIST

28 ESSEX ST., STRAND, LONDON, W.C.2

BRANCH OFFICES:

Manchester, Sheffield, Glasgow, Melbourne and Sydney (Australia). Auckland (New Zealand).

Ernest J. George

Bank Chambers, 329 High Holborn, London, W.C.1
Telephone Nos.: Holborn 1167 & 1278 (2 lines)

Tudor House, Walsall Telephone: Walsall 3774 Telegrams: "Earnest, Walsall"

Businesses available for disposal by private negotiation. No charge to purchasers.

(C1) SOMERSET.—Old-established pharmacy, with living accommodation, for disposal by private negotiation; turnover upwards of £2,000 per annum; high earning capacity; very reasonable overheads; preliminary details in strict confidence can only be furnished to *bona-fide* prospective purchasers, upon production of satisfactory references, etc.

(C2) SUSSEX.—Established retail business, with good living accommodation, situated in small congenial seaside resort; present returns approximately £1,400 per annum; premises situated near to sea front, are quite attractive throughout, despite an exceptionally low rental; purchase price asked comprises £300 for goodwill and lease, which represents a valuable asset, plus the value of stock and fixtures.

(C3) CORNWALL.—Modern pharmacy, with living accommodation, situated in main street of small market town; present returns approximately £30 weekly, with excellent scope for further development; particulars, in confidence, upon application.

(C4) WILTSHIRE.—Old-established country business, unopposed, for quick disposal owing to special circumstances, at a figure which represents an exceptional and unique investment; present returns approximately £1,200 per aunum, with plenty of scope for further increase; rent, including good house with garage and garden, £48 per annum; lease, 21 years; purchase price £450, including stock approximately £250; interested prospective purchasers are advised to write without delay for initial confidential details.

(C5) WEST COUNTRY (MARKET TOWN).—Good profit-earning business, with living accommodatiou, situated near to coast amid charming surroundings; returns for past three years have consistently averaged between £2,200 and £2,250 per annum; freehold also for disposal, but a lease might be considered; net profit approximately £500; to a lover of the country and rural surroundings, this proposition, which has been visited and investigated, is very strongly recommended.

(C6) SUSSEX (POPULAR SEASIDE RESORT).—Modern pharmacy, prominently situated, and offering exceptionally good opportunities for development; present returns approximately £1,700 per annum, with indications of an early £2,000 and upwards; low rental; long lease; no near opposition; excellent opportunity to acquire business with exceptionally good potentialities.

(C7) CARDIFF.—Attractive modern pharmacy, with excellent living accommodation, situated in good-class residential suburb; owing to other interests of the proprietor, the returns have decreased during the past 12 months, but could no doubt be quickly regained; in 1931 the turnover exceeded £2,000, since when considerable building extension has taken place; rent £120; long lease; very reasonable purchase price, part of which could remain; further details upon application.

(C8) LEWISHAM (NEAR).—Very congenial and good-class business, with living accommodation, for immediate disposal owing to genuine health circumstances; present returns approximately £24 weekly; very reasonable purchase price, as an early sale is essential; good scope for optics if desired; further details upon application.

(C9) BRIGHTON.—Busiuess, situated in prominent shopping thoroughfare, for disposal at value of stock and fixtures only (approximately £1,150); present turnover approximately £30 weekly; has done over £40 per week and is well capable of a quick return to these figures; reasonable rental; long lease; further details, in strict confidence, upon application.

(C10) HAMPSHIRE.—Old-established lock-up pharmacy, situated in small country town; returns approximately £1,600 per annum; rent and rates approximately £70; reasonable purchase price; owner retiring.

(C11) NORTH CHESHIRE.—Established retail business with main road situation, for disposal at exceptionally low figure, owing to special circumstances; good living accommodation; rent £75; turnover upwards of £1,300 per annum; price £600 or near offer.

(C12) NORTH SHROPSHIRE.—Country business with living accommodation; returns for 1932–33 approximately £1,100, with good scope for increase; rent and rates £40 per annum; purchase price £600, including stock and fixtures £500 (subject to valuation).

(C13) GLAMORGAN (POPULAR SEASIDE RESORT).—Drug Store, with very attractive premises, including excellent living accommodation; turnover for 1932–33, approximately £1,600; extensive scope for increase under qualified proprietorship; freehold also available, but business can be acquired for value of stock and fixtures only; further particulars upon application.

(C14) TYNESIDE.—Old-established pharmacy (lock-up), prominently situated, and offering exceptionally good scope for further development; present turnover approximately £1,250 per annum; rent £40; purchase price, £750, representing less than the value of stock and fixtures, but proprietor is prepared to dispose at a sacrifice owing to other interests.

(C15) LONDON, S.E.—Drug Store, offering exceptional opportunities under qualified proprietorship; good living accommodation; rent and rates £90; lease 13 years unexpired; reasonable purchase price.

(C16) WALES (NOT SOUTH).—Old-established family business with living accommodation, offering excellent scope for further development; present returns £25–£30 weekly; rent and rates £55; price, £750 (offers considered); premises situated in leading position.

VALUATIONS FOR ALL PURPOSES AT ECONOMICAL RATES.

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Enquiries Invited.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

DONCASTER (9½ miles from).—Two Retail Family Dispensing Businesses, situate in rapidly developing mining area; one only recently established; good Photographic connection and excellent opening for Optics; returns last year, prior to opening branch business, which was acquired this year, £2,600; good stock carried; premises, which are excellently situated, held at very moderate rental; great scope for energetic man; reasonable price for quick sale. Fullest particulars, apply Parkin S. Booth, 2 Bixteth Street, Liverpool, or of W. G. Dickinson, Lancaster House, Doncaster.

EAST COAST Seaside Resort.—High-class Pharmacy and Sight-Testing Optician's Business; returns for 1932 over £2,000, and rapidly increasing; net profit for last financial year £550; chartered accountant's figures; long lease; exceptional opportunity; price £2,000. 476/30, Office of this Paper.

LEEDS.—Old-established Business; main road; commodious; new windows and fixtures; lock-up; Kodak, N.H.I.; good middle-class trade; owner retiring; accounts audited; turnover over £2,000; price £1,500, or near offer; bankers' references necessary; room very suitable for Optics; also stockrooms in basement. Charles C. Marsden, 29 Oakwell Crescent, Oakwood, Leeds.

LONDON, N.—Opportunity for Chemist or company concern to acquire a modern lock-up Pharmacy, situated in a busy main thoroughfare, at a figure covering less than the approximate value of stock and fixtures; returns as per audited accounts for last financial year, upwards of £1,000, with scope and possibilities for the future which are well apparent; reasonable rental; business must be sold, and immediate offers are invited; further particulars upon application to Ernest J. George (address as page xx of Supplement).

LONDON, W.11.—Nice compact Pharmacy; N.H.I. and Light Retail; stock in perfect condition and sufficient for all requirements; energetic man could double returns with little outlay; low overheads; owner going abroad; will accept for quick sale £275. 475/37, Office of this Paper.

NEAR NORWICH.—Old-established Business, returning, under Unqualified, £900 yearly; could be considerably increased by Qualified; for speedy clearance £650; well stocked; freehold dwelling house, £450; or rental £30 per annum. Full particulars, J. Shearman, Chemist, Haverhill, Suffolk.

S.W. LONDON (Main Road).—Business, established many years, is, owing to ill-health of proprietor, in the market for this reason; he is open to offer for price of stock and fittings plus an agreed amount for goodwill; lock-up shop; lease; reasonable rental; full particulars ex banker's references. "Eureka," 475/30, Office of this Paper.

SOUTH YORKSHIRE MANUFACTURING CITY.—Cash Retail Business, with considerable N.H.I.; corner position; industrial district; near tram stop; certified accounts; health reasons for disposal; turnover last year £1,600. 475/33, Office of this Paper.

SUSSEX COAST (near Seaford).—Old-established Retail Pharmacy, at present showing a good net income; can be acquired for an all-in figure of £450; returns approximately £1,175, with excellent scope for further increase; living accommodation if required; reasonable rental; good reasons for disposing; owner will assist purchaser regarding initiation, &c. 226/136, Office of this Paper.

A SNIP.—Business in working-class district of North London for sale; 20 years lease at £60 per annum (inclusive); lock-up; no near opposition; £250 or nearest offer for quick sale; has taken £15 per week without N.H.I.; medical advice is cause of sale. 476/17, Office of this Paper.

FINE Up-to-date Chemist's business in West of England city for disposal; moderate price. 475/28, Office of this Paper.

GENUINE Business; net profit £300; growing district; stock and fixtures £700; £1,000, all at; good living accommodation; South Coast. 464/70, Office of this Paper.

LIGHT Retail and Dispensing Business, Dorset border; established 70 years; approximate returns 4 years £2,000; good house, garden, side entrance; on main road; owner taking country business; lease about 17 years; rent £120, rates £40; goodwill, lease, fixtures £1,500, stock at valuation; state capital. "Senna," c/o Evans Sons Lescher & Webb, Ltd., 50 Bartholomew Close, E.C.1.

NICE little Business, situate in thickly-populated district; usual Counter trade, Dispensing and Photography; working class; established five years; low rent; lock-up shop; owner leaving retail; would accept reasonable offer. "Advertiser," 36 All Saints Road, North Kensington, W.11.

OLD-ESTABLISHED, but run down, Drug and General Stores in Derbyshire village; owner now retiring; will let shop and house on advantageous terms to Qualified man; stock at valuation about £100. Further particulars from J. Adams & Co., Estate Agents, Saltergate, Chesterfield.

SMALL live Chemist's business, N.W. London; Kodak Agency; good N.H.I.; suitable for single person; stock and fixtures at valuation. 475/24, Office of this Paper.

SMART Drug and Photographic Stores in populous district; no opposition; splendid opening for Qualified man; immediate possession as owner has retired and has other interests; for quick sale will sell at £175 against stock, &c. "Chelwood," Firs Avenue, Ashton-under-Lyne.

UNOPPOSED Country Business, old-established, in Essex, corner shop main roads; genuine reason for selling; N.H.I., Kodak and Ensign Agencies; Wine and Spirit licence; freehold property; £2,200 inclusive, or part payment arranged if necessary. Box 474/37, Office of this Paper.

YOUNG Qualified Chemist; opportunity for the right man to secure 100 years' established Drug Stores in London; small capital required; would consider partnership. P.C.B. 84/16, Office of this Paper.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

ADVERTISER, with £1,000 capital, requires a Business with genuine opportunity; between Worthing and Hastings; living accommodation with at least three bedrooms essential. 464/7, Office of this Paper.

HIGH-CLASS Retail and Dispensing Business required in Southern or Midland county showing minimum turnover of £4,000 per annum; or would accept partnership or temporary management with view to early succession; banker's reference furnished; cash available up to £6,000; replies treated with strict confidence. 476/20, Office of this Paper.

WANTED, at once, by gentleman seeking semi-retirement, Business situate 20-30 miles from London, in nice district; good living accommodation; net profit about £300 per annum, or a little more; property would be purchased if desired. Apply Orridge & Co., 56 Ludgate Hill, E.C.4.

PREMISES TO LET.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BLACKPOOL.—Double-fronted shop and house, now empty; 6 years Chemist; main shopping street; well situate for residents and visitors; good living accommodation. Also good corner shop in view of Promenade, with house and separate house entrance. Owner, 189 Church Street, Blackpool.

MILL HILL BROADWAY, central position; double-fronted shop and upper part, fitted with modern front, to let at £265 p.a. without premium. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, London, W.1. Tele.: Mayfair 7666.

UXBRIDGE MAIN MARKET (High Street).—Lock-up Shops to Let, from £1 per week. Leno, High Street, Uxbridge.

PREMISES FOR SALE.

TO BE SOLD.—Freehold Shops, right opposite railway station in centre of London's newest suburb, population 40,000; undoubted opening for Chemist; good-class residences surrounding; excellent living accommodation; 4 large bedrooms, bathroom, 2 w.c.s; all modern fittings; planned for flat over to be let off as self-contained if required; superb finish; price £1,500; low deposit, easy repayments. Apply Sole Agents to the Builders (S. H. Alabaster, Ltd.), NICOLL & SONS, Bexleyheath, Kent. Representative on site always.

APARTMENTS.

WHEN YOU COME TO LONDON STAY AT THE HAMPDEN RESIDENTIAL CLUB.

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 bedrooms. 12s. 6d. to 25s. per week, including baths, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

PARTNERSHIPS.

ADVERTISER, capable Sales and Promotion Manager of much successful experience, desires to associate with, manage or take interest in small, sound proprietary business capable of development; new ideas or lines welcomed and discussed in confidence. 474/32, Office of this Paper.

APPOINTMENTS.

METROPOLITAN BOROUGH OF POPLAR.

Tuberculosis Dispensary.

APPOINTMENT OF DISPENSER (FEMALE).

APPLICATIONS are invited from duly Qualified persons for the appointment of DISPENSER (Female) at the Council's TUBERCULOSIS DISPENSARY, Wellington Road, Bow, E.3, at a commencing salary of £225 per annum, rising by annual increments of £15 to a maximum of £300 per annum.

Candidates must hold the certificate of the Society of Apothecaries and should have experience in the preparation of sputum slides and bacteriological examinations.

The successful candidate will be required to pass a medical examination, to contribute to the Council's Superannuation Fund, and to devote her whole time to the duties appertaining to the appointment.

Forms of application may be obtained from my office, and must be returned, together with a letter of application and copies of three recent testimonials, in an envelope endorsed "Dispenser (Tuberculosis Dispensary)" not later than 9 a.m. on Thursday, August 17 next.

Canvassing members or officers of the Council in any form will disqualify.

Council Offices,
High Street,
Poplar, E.14.
July 31, 1933.

H. E. DENNIS,
Town Clerk.

THE Prison Commissioners invite applications for the Post of Pharmacist (Male) in the Prison Service (England and Wales). Candidates for these appointments must be between 24 and 35 years of age. Only applications from those holding the major or minor degree of the Pharmaceutical Society will be entertained.

The present scale of pay begins at £3 11s. 0d. a week, proceeding by annual increments to £5 1s. 9d. a week, the maximum being attainable after 10 years' approved service.

Quarters or a cash allowance in lieu are provided, also medical attention and medicines under the approved regulations.

The post is pensionable under the usual Civil Service conditions.

Applications should be addressed to The Secretary, Staff Branch, Prison Commission, Home Office, Whitehall, London, S.W. 1.

AGENCIES.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BRITISH WEEK IN FINLAND.—Chemist, Ph.D., knowledge Continental markets, command of four European languages, keen business man, proposes to tour Scandinavian countries on behalf of one or two British firms; highest references. Please write P.C.B. 85/20, Office of this Paper.

DUBLIN AGENT.—A well-known firm of German Rubber Manufacturers is desirous of appointing an Agent for the Free State; connection with Hospitals and Surgical Trade essential. 226/135, Office of this Paper.

DUBLIN Firm of almost half a century's standing is open to accept Contracts for Packing and Distributing several lines of Chemists' Sundries in the Irish Free State. Apply The Manager, Trench's Remedies, Ltd., 33 South Frederick Street, Dublin.

YORKS, Westmorland, Durham, Northumberland, Cumberland.—Old-established Makers of Pastilles, Boiled Sugars and Lozenges desire to meet gentleman already covering above territory, with view to representation on commission basis; only thoroughly established representatives with undeniable references should apply. 226/131, Office of this Paper.

APPRENTICES.

BOY, intelligent, just leaving school, seeks an apprenticeship; premium offered. George Simmonds, 424 Corfield Street, London, E.2.

ENGAGEMENT wanted in London as Apprentice by Egyptian studying Pharmacy; good references. 42 Embankment Chambers, Villiers Street, London, W.C.2.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

EAST COAST.—Wanted, a Young Lady just Qualified; permanency; write stating age, salary required; applications not answered within 5 days respectfully declined. 476/22, Office of this Paper.

JERSEY.—Unqualified Assistant, permanent, required for first week September; must be used to high-class trade; knowledge of Optics an advantage; write, stating experience, age, height and salary; quote references and enclose photo. P. Roberts, Chemist, Jersey.

KENT.—Qualified lady as Manageress with girl Assistant, village on Dover road; immediate vacancy; send full particulars, copies of references and state salary required to live in; 45 miles from London. R. G. Eacott, Pharmacist, Teynham, Kent.

LONDON.—Qualified Managers (26 to 35), permanent, required; applicants must give particulars regarding experience, wages expected, and when available for engagement. 226/138, Office of this Paper.

LONDON, E.—Man required to work up neglected business; Hall or Unqualified; must be good Prescriber and enthusiastic Salesman; not under 30; progressive salary, small to commence; man with £50 available for better offer later preferred; comfortable berth to right man. 476/11, Office of this Paper.

LONDON, E.—Young Assistant, able to take charge; permanency; good Window-dresser and capable of increasing business on salary and commission; no Dispensing or Sunday duty; state age, starting salary and last few years' experience. 476/26, Office of this Paper.

LONDON, N.—Qualified Locum, from August 14 to 26, inclusive; chiefly for N.H.I. and Counter work. Age, salary and particulars of experience to Pirie, Chemist, 4 Grand Parade, Harringay.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

LONDON, N.—Wanted at once, young Qualified Assistant; good working-class neighbourhood; quick Counter trade; state salary required, 475/25, Office of this Paper.

LONDON, W. (Working-class District).—Assistant, male (Part I essential); apply, stating age, experience; references and recent snap required. 474/27, Office of this Paper.

MIDDLESBROUGH.—Qualified Manager required in about three weeks for medium-class business with Photography; must have undeniable references; good Window-dresser and efficient Salesman; Optician capable of introducing Optics considered; good living accommodation if married. Apply, with full particulars, including salary required, to Stanley Robinson, M.P.S., 219 Linthorpe Road, Middlesbrough.

S.W.—WANTED, young Junior Relief Assistant, male, August 19 to September 2 inclusive; please give full particulars and name references, but enclose no written testimonials, stamped envelopes or photographs; applications unanswered within four days declined with thanks. H. K., 474/38, Office of this Paper.

WEST RIDING.—Qualified Branch Manager (30 to 45), married, for family business with N.H.I. and Photographic; permanency. State full particulars of age, experience and recent references to Phillips, Chemist, Eastthorpe, Mirfield.

YORKSHIRE.—Young Qualified lady Chemist or elderly Chemist (either sex) required; one who would invest £50 to £100 in small private company, but not essential; easy hours; state age, salary required and fullest particulars; references. 476/19, Office of this Paper.

ASSISTANT, Qualified, lady or gentleman, wanted at once; permanency or locum. Apply Douglas, 73 Upper Street, Islington, N.1 (near Agricultural Hall).

ASSISTANT, Qualified, required by August 19; permanency for a good Dispenser, Counter hand and Window-dresser; state experience, references and wages. Draycotts, Ltd., 217 Loughborough Road, Leicester.

ASSISTANT, Unqualified, able to drive car, wanted for country motor service; must be good Salesman; splendid scope for energetic man; small nominal salary and commission. Full particulars, previous experience, age, references, &c., apply 226/134, Office of this Paper.

LOCUM, Qualified, for London (City), August 14 to September 16; short hours and light duties; recently Qualified Junior; or would suit elderly man. State experience and salary required to P.C.B. 85/22, Office of this Paper.

LOCUM required, August 14 to 26; no Sunday or half-day duty; assistant kept; full particulars and lowest salary to address below; applications not answered in 3 days respectfully declined. Reynolds, 85 Wood Street, Walthamstow, E.17.

MANAGER wanted, about September 9, to open and take charge of new branch shop near London; must be keen, experienced and able to produce good references; also willing to live on premises; good modern house. 474/14, Office of this Paper.

MESSRS. A. E. HOBBS, LTD., 33 Mount Pleasant, Tunbridge Wells, require a Qualified Assistant (25-30) who has had experience in first-class pharmacies; please send full particulars, stating salary required.

QUALIFIED Assistant wanted immediately; young, good Counterman; W.C. district; hours 2.30 p.m. to 11 p.m.; Wednesdays 8.30 a.m. to 1 p.m.; alternate Sundays 6 to 8 p.m. Apply stating full particulars and salary required. 476/10, Office of this Paper.

QUALIFIED Chemist-Optician required (about 30-35), unmarried preferred; good business getter and organiser; state salary and give latest references (copies). 476/40, Office of this Paper.

QUALIFIED Lady, with Optical experience preferred; August or September; must be keen, tactful Saleswoman, excellent Window-dresser, and wholeheartedly industrious; letter first, please, giving full particulars; unanswered applications in two days respectfully declined. Evans, 110 Seven Sisters Road, Holloway, N.7.

QUALIFIED Locum wanted August 28 to September 10, young lady or gent., outdoors (can give address for lodgings). Terms and reference to Freeman, Chemist, Chatham, Kent.

QUALIFIED Man (30-50), unmarried preferred, for recently-formed private limited company; small salary to commence, increasing as business develops. Copy of references and full particulars in first letter to Pratt's Drug Stores, Measham, near Burton-on-Trent.

QUALIFIED Manager required, immediately, for country branch; salary and commission; good house, free of rent, rates and light; experience of Agricultural and Veterinary Business essential; suit married man about 40, used to country life and requiring permanency. Blake, Chemist, Gainsborough.

QUALIFIED Assistant as locum for two weeks from August 14, for good-class business; knowledge of Photographic Trade essential; state experience, age and salary required, and full particulars, H. M. Harvey, 3 Beeches Avenue, Carshalton.

REQUIRED AT ONCE.—Young Qualified Assistant (male) for high-class Pharmacy; permanency; Photographic and Window-dressing essential; write, stating age, experience, salary expected; applications unanswered in 10 days respectfully declined. A. F. Brownlow, 12 Bridge Street, Stratford-on-Avon.

TIMOTHY WHITES require a really capable Qualified Manager; applicants must be energetic and possess ability; good prospects and free removal. Apply, stating experience, age and salary required and full particulars, to Assistant Secretary, Timothy Whites (1928), Ltd., Portsmouth.

UNQUALIFIED Assistant for high-class Dispensing Business; age 30-35; single; previous experience in good-class businesses essential; undeniable references; photograph; personal interview preferred; state salary required. 475/40, Office of this Paper.

WANTED AT ONCE.—Qualified Manager, preferably with Optics, but not essential, for a new business in Outer North-West London; must be capable and reliable; state salary, age, experience, &c. 476/27, Office of this Paper.

WANTED, Dispenser. Apply in writing, with qualifications, experience, age and salary required, to Secretary, York Friendly Societies' Medical Association, Clifford Street, York.

WANTED for large Industrial Lancashire Town; Qualified Manager for branch; age 30-40; married preferred, but not essential; must be thoroughly competent; comfortable permanent position to right man; references, salary, when available, photo if possible (stamp for return). 475/26, Office of this Paper.

WANTED, Temporary Assistant, Qualified, from August 9 to 26; state age, experience and salary required. Crawford, Chemist, Horley, Surrey.

YOUNG Qualified Assistant, now, for a few weeks ending September 9; essentially thoroughly experienced in all branches; D. & P. an advantage; state salary (moderate) and full particulars; near London. 475/13, Office of this Paper.

WHOLESALE.

A WHOLESALE Manufacturing House of highest repute requires a Sales Manager with experience, ability and up-to-date knowledge of intensive selling methods in the home market; age preferably not exceeding 35. Write, giving fullest particulars of experience, salary, &c., to 226/127, Office of this Paper.

COSTING CLERK; must have sound knowledge of General Retail Pharmaceutical Department; West End; state salary. 226/129, Office of this Paper.

FULLY Qualified Works Chemist to supervise small packed goods factory in North of England; must possess initiative, ideas and enthusiasm; state age, experience, references and salary required; interview London. 226/132, Office of this Paper.

PILL AND TABLET MAKER.—John Richardson & Co. (Leicester), Ltd., require a fully competent Pill and Tablet Maker; must thoroughly understand the various processes of coating, and be sufficiently experienced to exercise control of the department; applicants will please give full particulars of past experience and remuneration required.

QUALIFIED Chemist required for London; must have established connections with Hospitals, Chemists, and Wholesale Houses; business experience essential; firm of high scientific standing; excellent prospects for the right man; write all particulars, which will be kept confidential. 226/130, Office of this Paper.

REPRESENTATIVE for Yorkshire and North-East Coast required to call upon Doctors, Dentists, Veterinary Surgeons and Chemists with high-class British Proprietaries. Applications will only be considered from gentlemen owning a Doctors and Veterinary connection recently worked. State age and firms previously represented, and supply details of importance in first letter. Apply "T.," 226/137, Office of this Paper.

REPRESENTATIVE WANTED.—South England to Cornwall, on good commission basis; traveller already well known; must be a good Salesman; apply with references. The "Red Band" Chemical Co., Ltd., Richmond Terrace, Edinburgh.

REPRESENTATIVES calling on Chemists required; commission basis; first-class Salesmen with established connection. Write full particulars, territory covered, &c., to W., 474/26, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

CHEMIST (Pharmaceutical).—Young Assistant required for India (Madras) by old-established firm; salary about Rupees 500 monthly, rising Rupees 25 per mensem; four years' agreement; unmarried; capable Dispenser; must have minor qualifications; passage paid. Write, giving full particulars of age, experience, &c., to Box "M.M.G.," c/o Davies & Co., 95 Bishopsgate, E.C.2.

WANTED for the Far East.—Qualified Pharmacist, age not over 30, single; must have had good experience with manufacturing house; good salary to right man; 4 years' agreement; first-class passage paid. Apply "Orient," 226/133, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.—QUALIFIED Scot, M.P.S. (26), Manager or Assistant; City or West End preferred; excellent references; interview; now free; permanent and progressive post. 474/20, Office of this Paper.

A.A.—LOCUM, M.P.S. (27), free immediately for 3 weeks; excellent all-round experience. Baker, c/o 28 Norwood Crescent, Southport.

A.A.—Locum or permanency; Dispensing, Counter, Windows, Photography, Prescribing; free after 5th. Harries, 3 Cancell Road, S.W.9.

A.A.—QUALIFIED (25), Manager; Senior Assistant; energetic, capable; West End experience; well recommended. Green, 173 Sloane Street, S.W.1.

A.A.—YOUNG Lady (22) desires post as Assistant; all-round experience; excellent refcrences; in or near Liverpool. 474/11, Office of this Paper.

A.—QUALIFIED (29) requires position as Manager or Senior; at present managing; free one month (married); West End experience; London or suburbs preferred, not essential. 475/27, Office of this Paper.

A QUALIFIED experienced Manager desires permanency London or Suburbs; moderate salary. Davis, 109 Alexandra Drive, Surbiton, Surrey.

A YOUNG Qualified Chemist with unusual Dispensing experience requires locums or a permanency; good references. Dennis, Chemist, Northampton.

ALL-ROUND Experienced, Unqualified, well recommended, capable of supervising staff and assuming charge; single; college trained for 1914 Minor. T. W. H., 80 Howell Road, Exeter.

AS Locum Manager or Assistant; 30 years' good experience; Counter, Bookkeeper, Dispensing and Worker. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

AS QUALIFIED Branch Manager; 31st; successful provincial and London experience; thoroughly recommended; permanency; present as locum. 143 Carlingford Road, Tottenham, N.15.

ASSISTANT, Unqualified; first-class general all-round experience; Dispensing, &c.; single; free any time; personal interview. Jones, 8 Kingswood Avenue, Queen's Park, N.W.6.

ASSISTANT (21); experienced all branches; Dispensing, Counter, Window-dressing, &c.; Locum or permanency. P. S., 60 Pennard Road, W.12.

BOOKKEEPER, 25 years' experience, now disengaged, will undertakc complete charge of accounts at very moderate fee. M., 19 Bessborough Street, S.W.1.

EXPERIENCED Locum; vacant dates, August 8 to 19. 475/35, Office of this Paper.

JUNIOR ASSISTANT, Unqualified, locum; reliable, trustworthy; Counter, Dispensing; excellent references. Edwards, Bank House, Broadway, Totland Bay, I.O.W.

LADY (Hall), thoroughly experienced all branches of the work, requires post with good-class Chemist. 475/21, Office of this Paper.

LADY (Hall), assist generally, Shop, Counter, house if required; experienced; reliable; adaptable; whole or part time. 476/23, Office of this Paper.

LADY (33), Unqualified, seeks post London; experienced; Dispensing, Bookkeeping, Counter, Photographic; energetic, capable. E. J., 27 Camberwell Grove, S.E.5.

LOCUM or pcrmanency; Qualified; wide experience; seeks branch Managership; thoroughly reliable; disengaged August 21. Pharmacist, 10 London Road, Rainham, Kent.

LOCUM, disengaged; thoroughly competent; experienced; good references; moderate terms. Chemist, 56 Rudloe Road, Balham, S.W.12.

LOCUM (55); keen, capable; disengaged until August 13; Qualified Pharmacy and Optics; terms reasonable; abstainer. 'Phone Acorn 3302. Ellis, F.B.O.A. (Hons.), 311 Uxbridge Road, W.3.

LOCUM (35), Qualified, disengaged August 7 to 13. Chemist, 50 Grove Lane, Camberwell, S.E.5.

LONDON.—Qualified (23) desires position in London area; "Square" trained; good all-round experience; refereuces; free August 21. D. R., 4 Park Close Road, Alton, Hants.

MANAGER (28) requires position, with living accommodation if possible; London preferred; good experience in all branches, including Buying; right man for working up neglected business. 474/13, Office of this Paper.

M.P.S. (35); married; thorough all-round experience; Matriculated; "Square" trained; trustworthy; over 5 years' management working-class district last position; good personality and appearance; excellent references; London. 476/16, Office of this Paper.

PHARMACIST; experienced Manager and Buyer; conversant with all branches of business; seeks engagement in like capacity; living accommodation preferable. "Pharmacist," 475/23, Office of this Paper.

PHARMACIST, wide experience, no capital, recently relinquished business due to high rent, rates and local depression, seeks immediate opening in any of the following:
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2. Locum, responsible and trustworthy.
3. Would join another who has capital in any proposition where experience and ideas can be of value.
4. Open to responsible position in any branch of pharmacy, wholesale or retail, where enterprise, organising ability and experience would ensure a progressive and permanent outlook.

East Anglian, 476/9, Office of this Paper.

QUALIFIED Assistant desires change of district; medium or working class; accessible from Ealing; 6 years similarly London. "Crcosote," 474/12, Office of this Paper.

QUALIFIED, elderly locum or permanent; quick, accurate; N.H.I.; small salary. 475/9, Office of this Paper.

QUALIFIED (27), recently disposed of own business, seeks part-time post, London. Chemist, 30 Santos Road, West Hill, S.W.18.

QUALIFIED Lady, excellent experience, requires situation London, N.W., or near; disengaged. 474/25, Office of this Paper.

QUALIFIED Lady, disengaged September 4, seeks post; excellent references and experience; Retail and Hospital; locums or permanency; Manchester district preferred. Mullen, 5 Snowdon Road, Eccles, Manchester.

QUALIFIED (33), single, abstainer, seeks position as Manager; 15 years' all-round experience, city and country; Dispensing, Prescribing, Photographic and Counter; Manager present position over 5 years; disengaged September 4 or 11, owing to sale of business; first-class references. C. D., 63 Cannon Hill Lane, Merton Park, S.W.20.

QUALIFIED (27), tall, pleasing manner, desires change; experienced in all departments; capable of taking charge; London or vicinity. 474/40, Office of this Paper.

QUALIFIED (26), Manager or Assistant; good London experience; excellent references; quite reliable. M., 21 Abbott's Park Road, Leyton.

SMART Unqualified Assistant (25), disengaged, requires position; Window-dressing, Dispensing, Photography, Counter, &c. R. Taylor, 31 Cumberland Street, Cardiff.

UNQUALIFIED Assistant needs work immediately; good-class London experience (25). Chemist, 62 Marylands Road, W.9. Abercorn 3666.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

WOMAN Pharmacist requires opening Retail, Medical or Hospital, London or near suburb; good all-round experience; qualified 9 years. c/o Miss White, 11 Cavendish Road, Clapham Common, S.W.12.

YOUNG Lady, Unqualified, 3 years' good all-round experience, Part I; Dispensing, Counter. Read, 40 Norman Road, Newhaven, Sussex.

WHOLESALE.

ADVERTISER seeks position, preferably Travelling; many years' experience Retail, Wholesale, Export, well-known London houses; has travelled Midlands. P.C.B. 85/11, Office of this Paper.

AS Sales Manager or Manager; Qualified; extensive experience leading English, Continental and American manufacturers; used engaging and controlling indoor and travelling staff; efficient writer medical literature; experienced interviewer professions and trade; organiser propaganda and selling departments. 476/3, Office of this Paper.

EXPERIENCED Representative seeks re-engagement; many years' connection with Hospitals all over England, including London and South Wales. P.C.B. 85/31, Office of this Paper.

FOREMAN Pill and Tablet Maker (40); 27 years' experience in all branches; Sugar Coating, &c. A. Goldstone, 47 Evington Parks Road, Leicester.

GIVE ME A TRIAL.—Keen, energetic, Certified Salesman (39); personality; reputable firm, years retail experience Drugs, Surgical, Toilet; Midlands; ex-Service; car if required; Unqualified. Cullum, 92 Ward End Road, Birmingham, 8.

KEEN, Fully Qualified Chemist; wide experience; with own car; desires good lines on commission or offers; Dorset District. 474/9, Office of this Paper.

POSITION sought as General Manager or Sales Organiser in a First-class Progressive Firm; advertiser has live connection and possesses thorough knowledge of the Perfumery and Pharmaceutical Trades; good Sales Organiser; used to controlling Selling, Advertising and Production; opportunity required offering wider scope for Sales Development. 226/128, Office of this Paper.

REPRESENTATIVE, well-established London and South Coast connection, invites correspondence from progressive house; advertiser understands all branches. "Sales," P.C.B. 85/26, Office of this Paper.

SALESMAN, young, energetic, own car, desires change; good connection Lancs and Cheshire; no free-gift firms, please. 473/13, Office of this Paper.

SCOTLAND.—Experienced Representative; sound connection Chemists, desires position with established house; Drugs, Toilets, or Sundries; thorough knowledge Retail. 475/20, Office of this Paper.

SOUND, reliable Medical Representative, well known to the professions, desires re-engagement; good knowledge of Therapeutics; well recommended; prepared to reside any territory. 471/36, Office of this Paper.

FOR SALE.

CASH Register for sale, National make, in good working order, suit chemist, bargain. Write R. Hampton, 45 Battledean Road, Highbury, N.5.

MISCELLANEOUS.

A "BEST Fitted and Equipped" Pharmacy pulls trade; new and second-hand fittings and showcases of all kinds and sizes. Write enquiries to or call at PHILIP JOSEPHS & SONS, LTD., Shopfitters, 90/92 St John Street, London, E.C.1.

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